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APPLICATION OF THE CAP DISPERSION MODELS TO THE LAMBTON INDUSTRIAL AREA

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ABSTRACT

An air quality modelling study was carried out for the Lambton Industrial Area, using the modelling package in the proposed Ontario Clean Air Program (CAP). A meteorological data set was assembled for 1985 along with an emissions inventory, containing both point and area sources, with assistance from the Ontario Ministry of the Environment (OME). The modelling package as received from OME was modified in order to more effectively simulate the situations of interest to Ontario Hydro. A set of rigorous tests was performed to ensured consistency between the original package and Ontario Hydro's code.

The number of times the SO_2 and NO_x concentrations exceeded air quality standards were calculated for various averaging periods and different combinations of local background, regional background and four Lambton TGS Flue Gas Desulphurization (FGD) scenarios. Results indicate that the Lambton Industrial Area is as a non-attainment area with respect to both SO_2 and NO_x, based on the proposed CAP modelling package and input data available. For example, the hourly SO_2 background (ie, local sources, other than Lambton TGS, plus regional background) concentration is predicted to be in excess of the standard 1437 hours (16.4% of the time). These exceedances occur over a small area between Lambton TGS and Sarnia. Two local sources which emit considerably less SO_2 than Lambton TGS but through shorter stacks with less buoyancy, are responsible for most of these exceedances.

Lambton TGS equipped with scrubbers on all units, without reheat and fired with 2.5% sulphur coal is predicted to increase the number of exceedances of the hourly SO_2 standard by 17. Addition of reheat to the scrubber system decreases this number to 8 hours. These new exceedances are generally cases where the background concentrations were already close to the standard, ie, a relatively small contribution from Lambton TGS pushed the total concentration above the standard.

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1.0 INTRODUCTION

The Clean Air Program (CAP) was initiated by the Ontario Ministry of the Environment (OME) in November, 1987. One of the important features of the program is that the dispersion modelling package appended to CAP (OME, 1987) will play a crucial role in the general regulation of air quality in Ontario. According to the proposal, concentrations of a pollutant in an airshed can be calculated using the modelling package and, any proposed facilities, should be able to demonstrate that the addition of their emissions does not cause the air quality in the airshed to exceed the standard prescribed by the OME, before a certificate of approval to operate the facilities can be obtained.

Ontario Hydro plans to install Flue Gas Desulphurisers (FGD) at Lambton TGS starting in 1994, to reduce its sulphur dioxide emissions. The use of FGD, however, will result in lower stack exit temperature, lower stack exit velocity and higher water content in the flue gas. These factors reduce plume buoyancy and, thereby, could reduce the effectiveness of FGD in bringing about improvements to the local air quality. If so, it is important to establish to what extent flue gas reheat will counteract the loss in plume buoyancy. In addition, NO_x concentrations could be elevated at points of impingement even if Combustion Process Modifications (CPM), are installed during plant rehabilitation or with the FGD, since CPM would not decrease the NO emissions to the same extent that the FGD will reduce SO_2. Attempts to clarify the above concerns and to provide the necessary data for the approval of the Lambton TGS FGD system motivated the present study. This study is also part of the ongoing effort to evaluate the Ontario CAP and determine the implications of applying CAP to Ontario Hydro's operations.

The current study of SO_2 and NO_x air quality in the Lambton Industrial Area focuses on the following:

- compilation of the input data needed to run the modelling package for the Lambton Industrial Area;
- model code development;
- derivation of regional background air quality data for the Lambton Industrial Area;
- calculation of the number of exceedances of the air quality standards in the Lambton airshed.
- statistical comparison of the FGD with and without reheat in terms of the local air quality.

In this report, the above five subjects are discussed in Sections 2 to 6, respectively, while Section 7 gives concluding remarks.

2.0 COMPILATION OF INPUT DATA

2.1 Meteorological Data

In the present study, we selected 1985 as a baseline year because the emissions inventory for that year was relatively complete, compared to that of other years. The 1985 meteorological data for the Lambton Industrial Area were compiled from several sources, as follows:

- hourly ambient air temperature, wind direction, low level (10 m) wind speed and high level (85 m) wind speed were those measured at the Courtwright meteorological tower;
- hourly mixing heights were derived from hourly surface air temperatures and radiosonding data at Flint, Michigan, using Holzworth's method (Holzworth, 1967);
- daytime hourly cloud cover was taken from the Sarnia Airport while nighttime hourly cloud cover was taken from the Windsor Airport; and
- daily snow cover was derived from the precipitation maps provided by the US National Oceanic and Atmospheric Administration.

The hourly mixing heights were derived using an automated computer code. To verify the quality of the calculated mixing height data, a frequency distribution of the calculated data (as shown in Figure 1) was checked and confirmed by Dr. R. Bloxam of OME. As well, and in accordance with recommendations by the OME, we extended the data set by applying linear interpolation over data gaps of less than or equal to six hours. Longer data gaps were left as missing data. The complete meteorological data set contains 8059 hours with valid parameter values for input to the dispersion calculations.

2.2 Emissions Data

An annual emissions inventory for the Lambton Industrial Area was compiled based on the data provided by OME. Due to the current availability of data, the inventory is a blend of two different years, ie, 1985 for the Canadian sources and the US point sources and 1980 for the US area sources. The locations of these sources are plotted in Figures 2 to 4. The detailed source information can be found in Appendix A. It should be noted that stacks having the same parameters (ie, height, exit temperature and exit velocity) have been combined into a single stack.

After a preliminary investigation, it was found that two source complexes accounted for a large fraction of the exceedances of the hourly SO_2 air quality standard. The two sources together produced more than 90% of the number of hours with SO_2 concentrations above 690 $\mu g/m^3$ in the airshed. The number of hours above the standard was 27% of the total number of hours with valid input data. To clarify the unexpected result, we consulted with the OME scientists. Some adjustments were made as a result of these discussions. In particular, some redistribution of total emissions among stacks with different buoyancy was done. These adjustments have been incorporated in Appendix A.

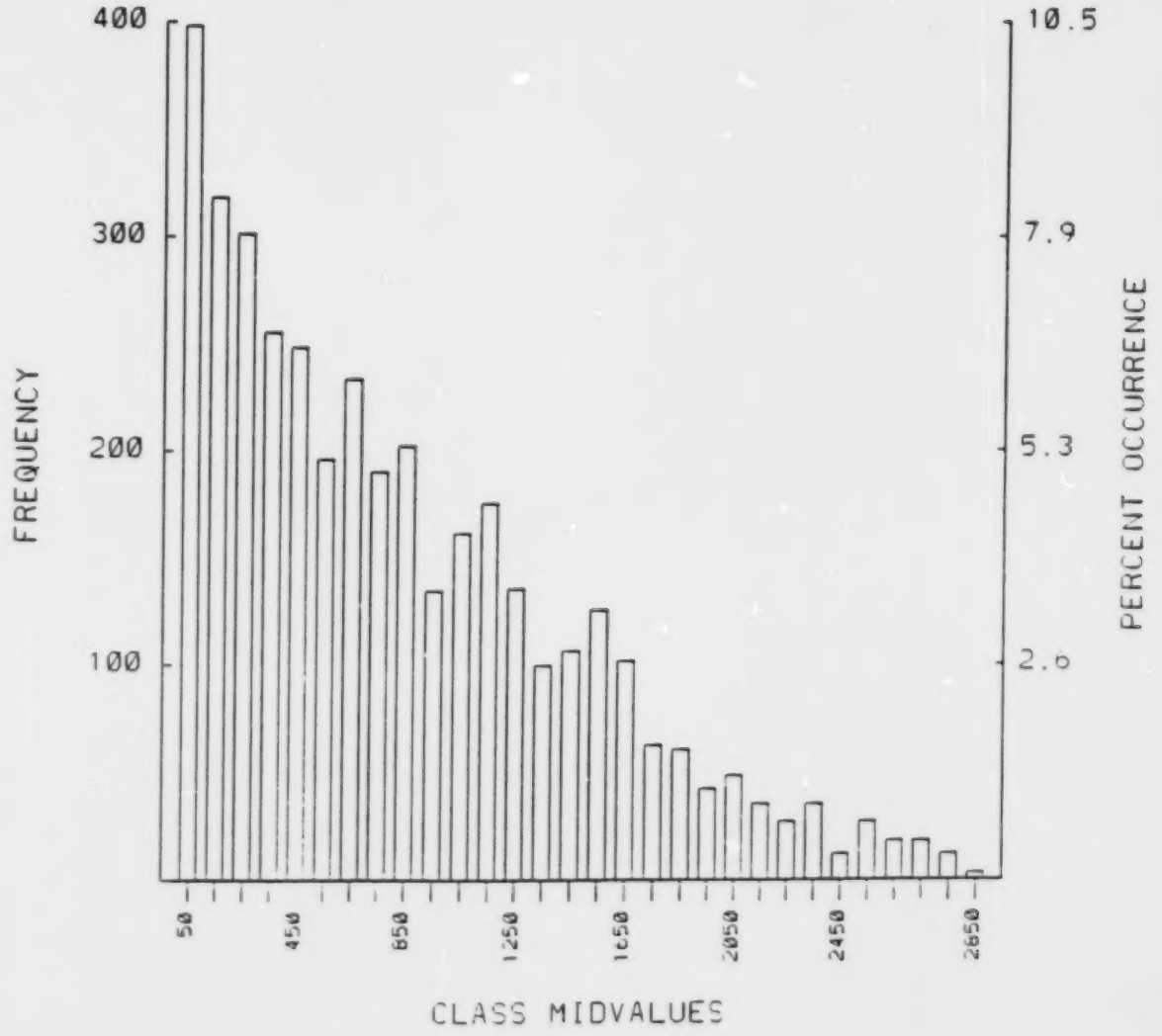

Figure 1. Frequency distribution of 1985 mixing height for the Lambton Industrial Area.

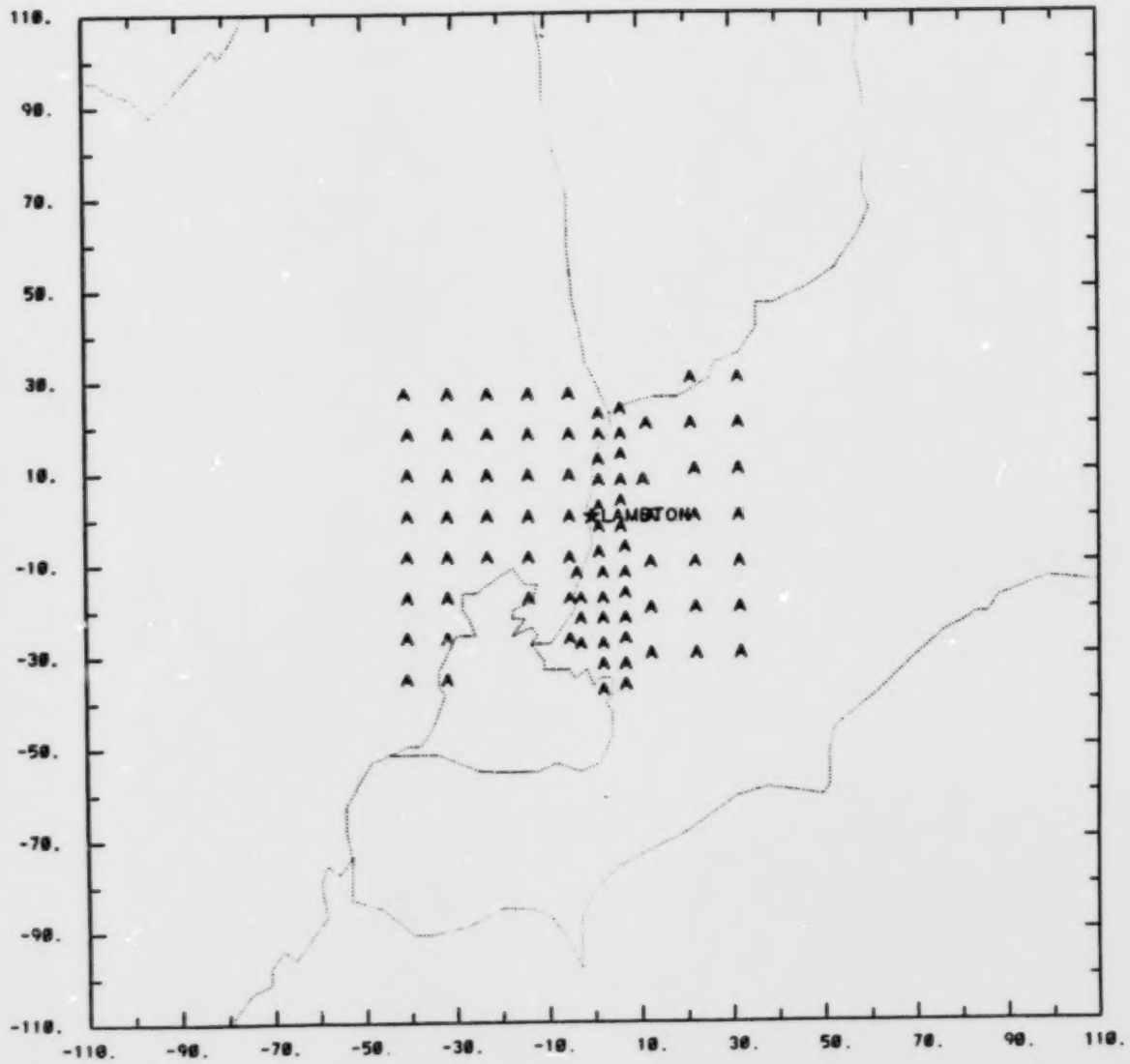

Figure 2 Area sources of SO_2 in the Lambton Industrial Area

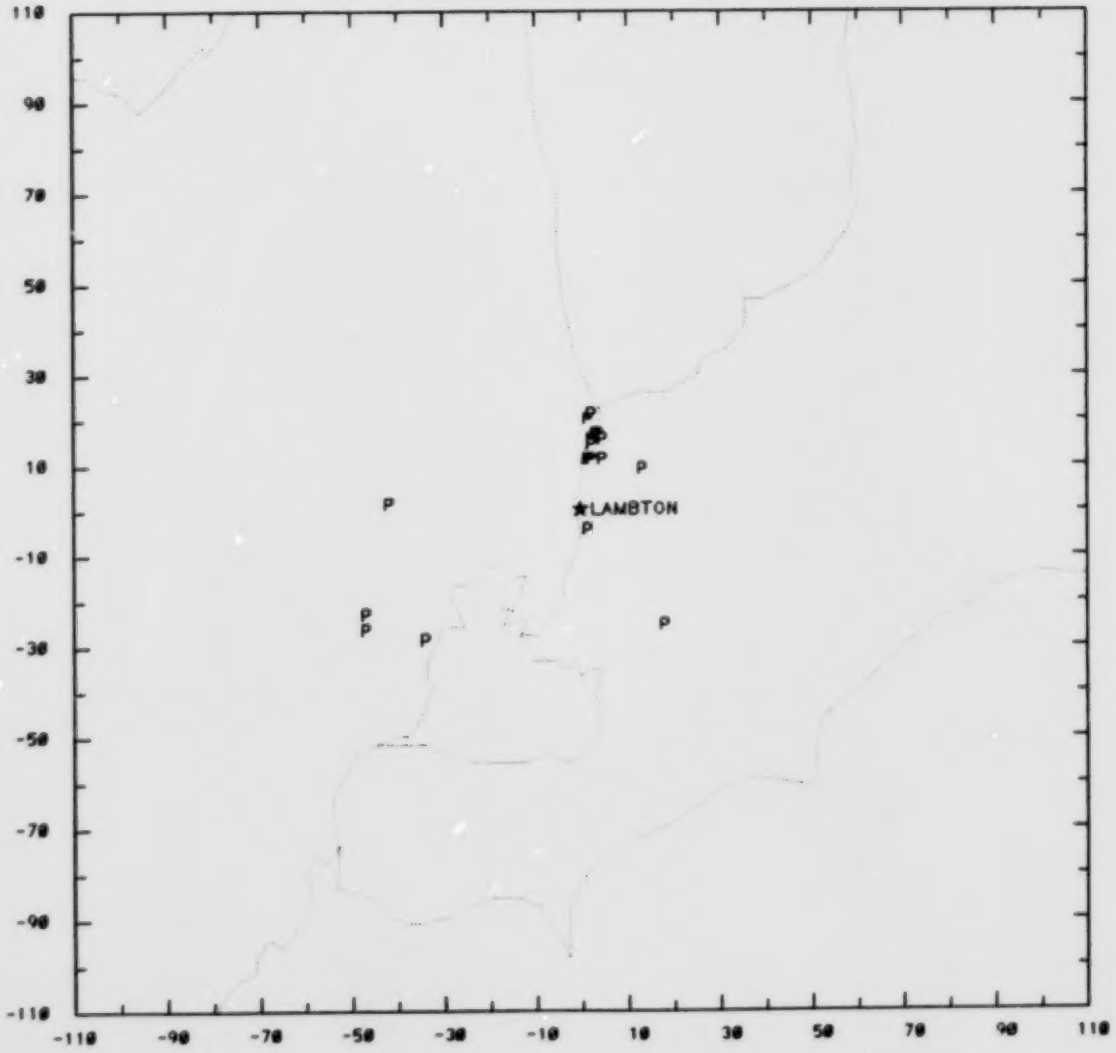

Figure 3. Point sources of SO_2 in the Lambton Industrial Area

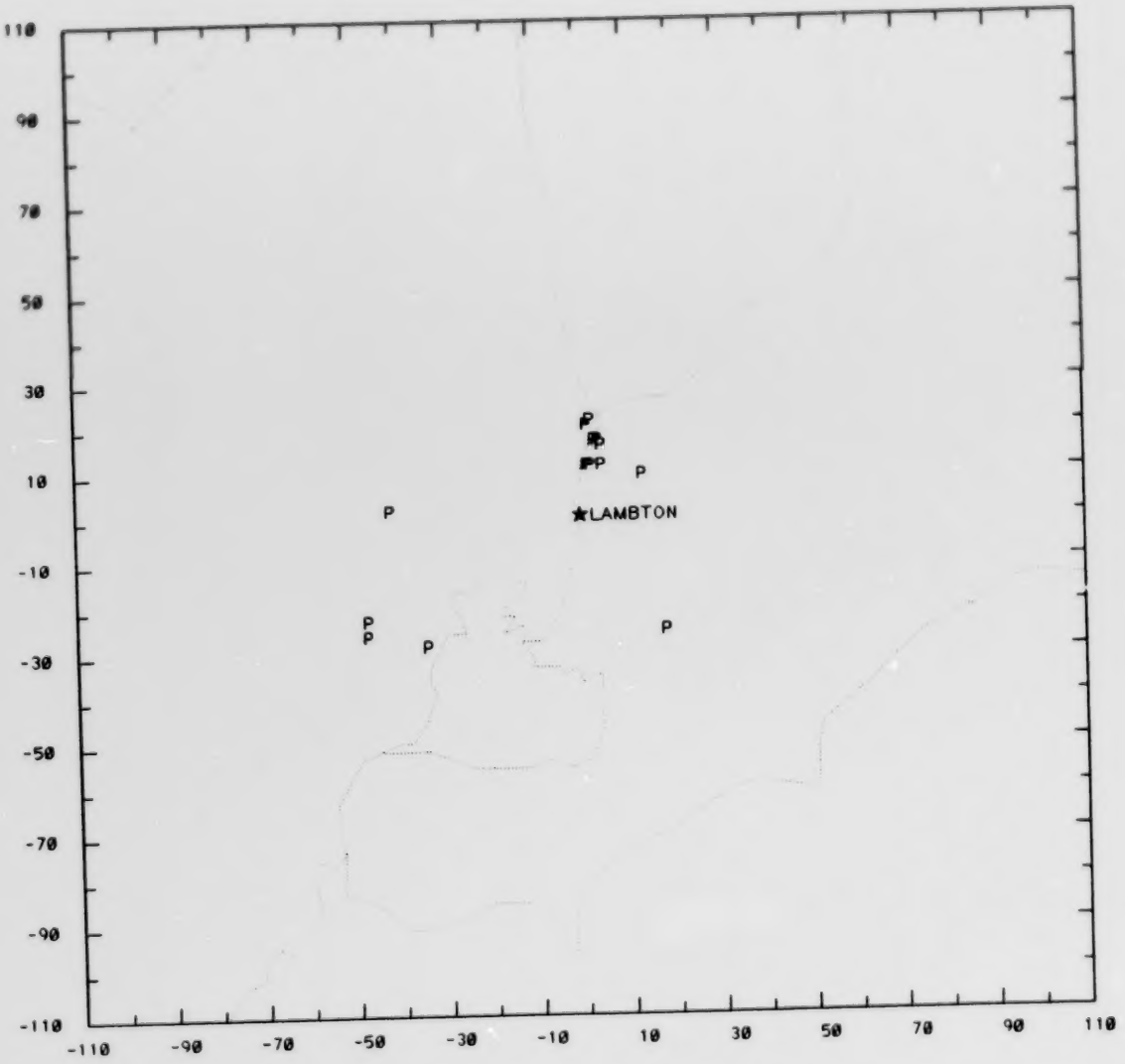

Figure 4. Point sources of NO_x in the Lambton Industrial Area.

Further discussions with the Lambton Industrial Society have taken place to ensure the accuracy of the emissions data. However, to date this has not been completed. The results presented in the rest of the report, therefore, are preliminary and will be adjusted as necessary to incorporate more accurate emissions data.

The emission source data were provided by OME in the form of annual total emission rates and time factors. For area sources, the rates were broken down into individual sectors. Three types of time factors, seasonal (4), daily (7) and hourly (24), were applied to the annual emissions, except the U.S. point sources. For the latter, the time factors appeared as 12 daily (Spring-weekday, Spring-Saturday, Spring-Sunday, Summer-weekday, etc) and 24 hourly ones. These time factors were normalized to derive hourly emission values.

3.0 MODEL CODE DEVELOPMENT

3.1 Ontario Hydro's Version of the CAP Models

A version of the proposed CAP modelling package was developed in this study, based on the latest code released by OME in June, 1988. To fulfil the particular interests and needs of the Corporation, Ontario Hydro's version has incorporated the following features:

- It can calculate the concentrations of a conservative pollutant in an airshed of size 50 x 50 km with 1 km spacing;

- It can search for a "provisional maximum" value on the above grid and "zoom in" the vicinity of this maximum, doing a second set of calculations over an area of size 4 x 4 km with a grid spacing of 200 m, to locate the "real maximum" for that hour;

- It can compare the "real maximum" with the ambient air quality standard and output information on:

  (1) the value of the "real maximum", if it exceeds the standard, and its time, location and corresponding meteorological conditions (temperature, wind direction, wind speed and stability classification),

  (2) the fractional contribution (%) of Ontario Hydro's emissions at the location of the "real maximum",

  (3) the fractional contribution (%) of the biggest point source at the location of the "real maximum" and the I.D. of that point source, and

  (4) the fractional contribution (%) of area sources at the location of the "real maximum".

- It can also output the above four pieces of information at the location where Ontario Hydro's source has its maximum hourly concentration;

- While the above features are related to pollutants whose ambient air quality standards are defined as hourly mean values, Ontario Hydro's version can also deal with pollutants whose standards require calculating a running average over periods longer than 1 hour, such as the 24-hour running average standard of 200 $\mu g/m^3$ for NO_x;

- A wet plume module, based on the assumption that the plume is saturated, is included. According to Briggs' formulation (Briggs 1975, and 1984), 9 times the amount expressed by

$$\frac{g\,Q_w}{\pi \rho_a}$$

is subtracted from the buoyancy flux to represent the effect of water droplets on the plume rise. Here, g is the acceleration due to gravity, Q_w is the mass flow rate of liquid water and ρ_a is the ambient air density. The effect of water vapour is neglected. This is because the release of latent heat due to vapour condensation right after the plume exits the stack would be compensated by a later re-evaporation, as suggested by Dr. R. Bloxam of OME.

Ontario Hydro's version of the CAP dispersion models requires considerable computing power to run (an IBM 386 is inadequate). For example, calculation of the hourly SO_2 concentrations in the Lambton Industrial Area for a year requires about 7 days of CPU on the Research Division's central computer REX, a CYBER 910. It should be noted that the calculation involves 147 individual sources and 3042 receptors. The CPU consumption of the OME code was tested by OME on an IBM PC 386 with a co-processor. The test results indicated that a calculation involving 5 sources, 300 receptors and one month of meteorological data requires 15 minutes of CPU on the 386. Considering that REX is about 4 times as fast as the 386, the CPU consumption of Ontario Hydro's version is consistent with that of the OME code.

3.2 Comparison with OME's Code

To ensure consistency between Ontario Hydro's version of the code and the June, 1988 version of the OME code, two scenarios were designed in consultation with Dr. R. Bloxam of OME. The two scenarios were:

- A single source, characterised by a stack height of 167.6 m, a stack radius of 3.5 m, exit temperature of 47°C, exit velocity of 33.42 m/s and a constant emission rate of 461 g/s, was located in the centre of a modelling domain of size 10 x 10 km with 1 km grid spacing. Hourly maximum ground level concentrations were searched over the grid, and the values and locations were output.

- A single source, characterised by a stack height less than 20 m and a constant emission rate of 1 g/s, located in the centre of the roof of a square building. The building had dimensions of 500 x 500 x 10 m. Hourly maximum ground level concentrations were searched every 100 m along the property line, which was parallel to the exterior walls of the building at a distance of 250 m. The maximum concentrations and locations were output.

The two scenarios represent an elevated release case and a surface release case, respectively. The calculations were performed for the months of February and July. The two months include all three meteorological stability categories - convective, neutral and stable. Therefore, the calculations involved all six sub-modules of the modelling package as well as the logic controlling selection of the sub-modules under all meteorological conditions. Results from the calculations should represent a rigorous test of the accuracy of Ontario Hydro's version of the proposed CAP dispersion models. (The lakeshore module, of course, was not compared in these tests; this will be done when the modelling package is applied to Lakeview TGS).

Comparison of the results indicated that the hourly maxima and their locations derived from Ontario Hydro's version of the modelling package were identical to those obtained using OME's June, 1988 version of the code. Details of the calculated results can be found in Appendix B.

3.3 Modifications Recommended by OME

In April, 1990, we received a memo from OME listing several recommended changes to the June, 1988 version of the modelling package code. The changes that have been incorporated in Ontario Hydro's version are listed as follows.

- $\bar{Z}$ is limited to $0.73Z_i$ for a near surface release under all meteorological conditions.
- The upper level wind speed for convective cases is set to a minimum of 1.2 W_*.
- The constant used in the calculation of $\bar{Z}$ for neutral conditions is changed from 0.73 to 0.74.
- In the case of stack heights below 20 m , the wind speed at the 10 m level is used for all calculations.

In addition, an initial vertical plume spread of 5 m has been adopted. This modification was arrived at in discussions with Dr. R. Bloxam of OME and suppresses unrealistically large concentrations in area source calculations.

4.0 DERIVATION OF 1985 REGIONAL BACKGROUND AIR POLLUTANT CONCENTRATIONS FOR THE LAMBTON INDUSTRIAL AREA

4.1 Regional Background of SO_2

To compile regional background levels of SO_2 for the Lambton Industrial Area, data obtained at air quality monitoring stations were used. The OME Air Quality Monitoring (AQM) and Acid Precipitation in Ontario Study (APIOS) networks, as well as a network on the U.S. side of the area were screened for data which could be used for this purpose.

Two monitoring stations were selected; a station on the east side of the area (the APIOS station at Longwoods) and a station on the west side (the U.S. station, Oakland County). A few AQM monitoring sites, lying to the southwest of the Lambton Industrial Area, and within the Windsor-Detroit urban area were considered. Readings at these sites, however, are severely influenced by local sources and vary with wind direction, even when the wind is within the southwest sector. In addition, these Windsor-Detroit stations are not capable of picking up the cross-boundary contributions from the Cleveland area which is to the south of the Lambton Industrial Area. Therefore, these AQM sites were excluded from the calculations.

In order to cover the regional background for the southerly wind sector, we chose to use one of Ontario Hydro's Lambton TGS Air Quality Survey monitoring stations, SSE07. This station is located about 7 km from Lambton TGS in the SSE direction. There is a point source located to the SE of the monitoring station. The 1985 emission rate of this source, however, was only 0.6 tons of SO_2 per year, and was insignificant in comparison with the other sources. The locations of the three monitoring stations selected for the SO_2 regional background calculations are shown in Figure 5.

The procedure used to compile the 1985 regional background levels of SO_2 for the Lambton Industrial Area consisted of the following steps:

- Select three monitoring stations (Longwoods, SSE07 and Oakland County) as regional background reference stations and define wind direction sectors covered by each monitor, ie, 0°-134°, 135°-224° and 225°-359° for Longwoods, SSE07 and Oakland County, respectively;

- For any specified hour, determine an appropriate reference monitoring station on the basis of 1985 wind direction data; and

- For the specified hour, determine the hourly regional background level using the reading, in 1985, at the reference station. (Note that when the Longwoods station was ured, the concentrations were daily average values).

Time variations of the 1985 regional background SO_2 levels for the Lambton Industrial Area are presented in Figure 6. Detailed data can be found in Appendix C. The data set gives 7595 hours with valid background levels. The set can be further extended to 7807 hours if linear interpolation is applied to data gaps less than or equal to 6 hours. However, when the calculation of 24-hour running averages is required, the number will be reduced to 7278, which represents 83% of the maximum number of available 24-hour running periods in a complete year (ie, 8737).

4.2 Regional Background of NO_x

In the case of NO_x, an examination of the available monitoring data indicated that only the River Bend station of the Lambton Industrial Society's Air Quality Survey came close to providing regional background values. Further statistical analyses were conducted on the 1985 data from this station. Table 1 presents the numbers of occurrence and the average values for various wind direction sectors. It is seen that the sectorial means are higher for winds from N to NNE and from S to SW. To eliminate the influence of major local sources, the data associated with these sectors were screened out.

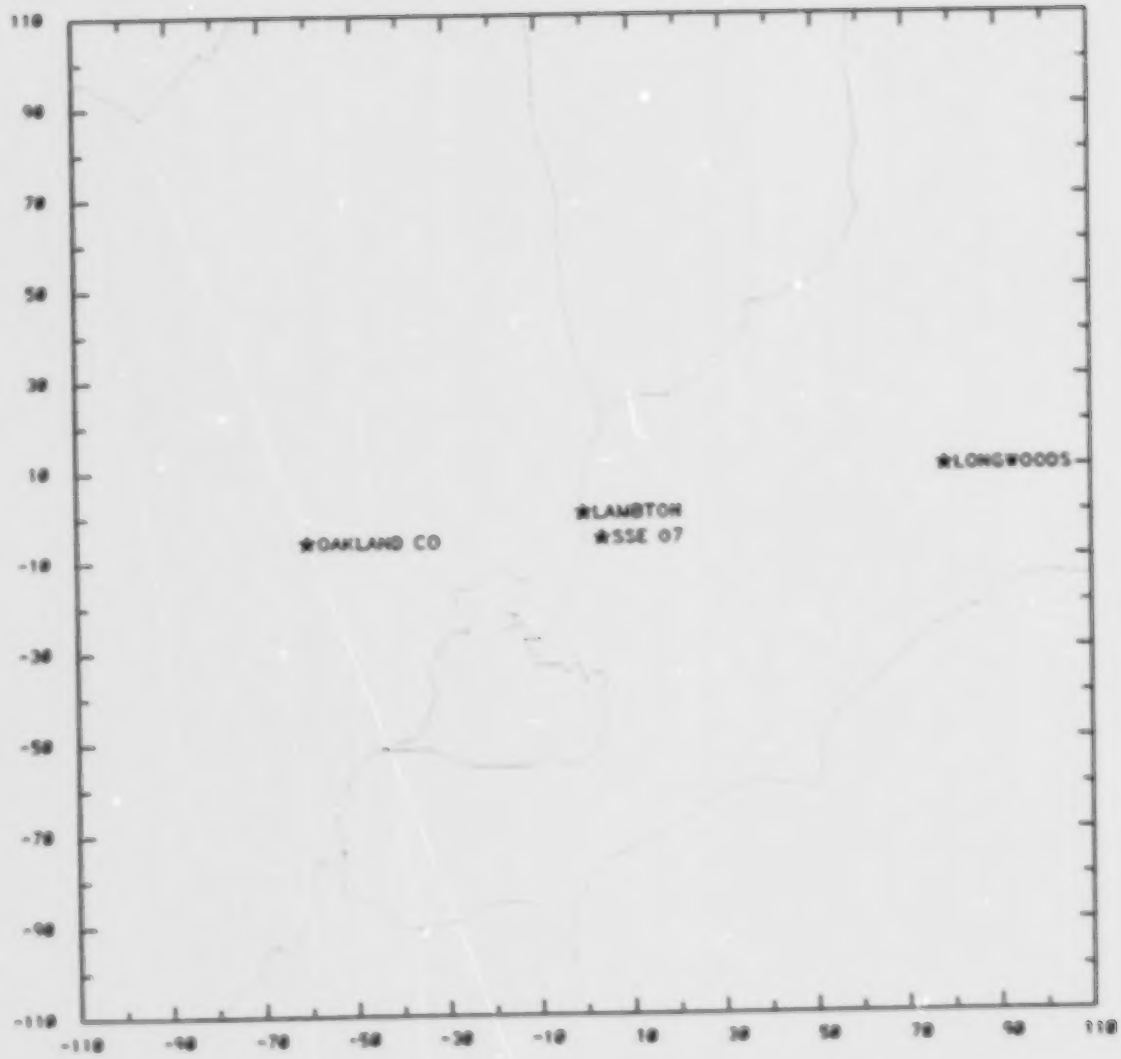

Figure 5. Selected SO2 monitoring stations for compiling regional background.

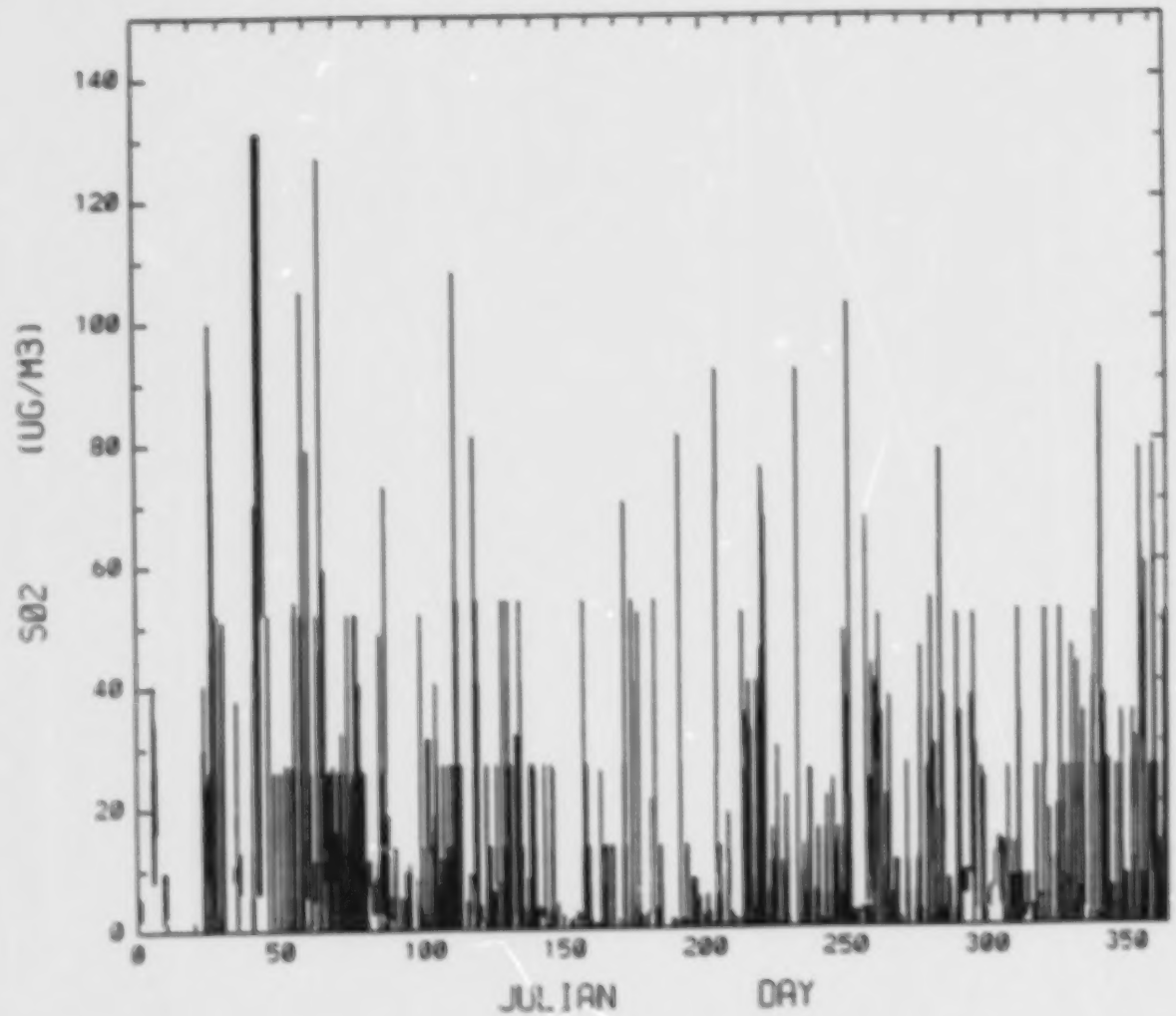

Figure 6. 1985 hourly regional SO2 background in the Lambton Industrial Area.

TABLE 1

FREQUENCY OF OCCURRENCE AND MEAN NO_x CONCENTRATION. 1985 RIVER BEND NO_x MONITORING DATA

Wind Direction	Number of Hours	Mean Value ($\mu g/m^3$) (Expressed as NO_2)
N	270	51.6
NNE	596	60.0
NE	431	42.3
ENE	269	44.0
E	262	44.9
ESE	208	40.1
SE	187	42.3
SSE	326	33.7
S	625	49.3
SSW	781	50.1
SW	914	48.6
WSW	607	35.1
W	625	34.3
WNW	524	36.3
NW	468	32.9
NNW	285	31.1
CALM	88	44.8

The cumulative frequency of 24-hour running average concentrations was calculated and is presented in Figure 7. If 90% of the cumulative frequency were selected as a confidence level, we could derive a background value of 63 $\mu g/m^3$. This value represents almost one third of the air quality standard for NO_x (200 $\mu g/m^3$). Such a high level can hardly be attributed to regional transport alone, but is probably due to contributions from local sources. Therefore, a reliable regional NO_x background for the Lambton Industrial Area has not been established based on currently available measurements.

5.0 EXCEEDANCES OF THE AIR QUALITY STANDARDS IN THE LAMBTON AIRSHED

In this section, we present the calculated exceedances of the SO_2 and NO_x air quality standards in the Lambton Industrial Area. Ontario Hydro's version of the proposed CAP modelling package and the input data assembled for 1985, described earlier, were utilized to generate the results. Calculations were repeated for a number of cases: background alone; background plus Lambton TGS; and Lambton TGS alone. The second and third cases involved a number of FGD scenarios (see below). The regional SO_2 background data were incorporated into the exceedance analysis. The regional NO_x background was not included, for the reasons given earlier.

To carry out the calculations, four FGD scenarios were designed and provided by the Environmental Studies and Assessment Department of Design & Development-Generation Division. The four emission scenarios are as follows:

- Scenario 1: FGD on all four units, loaded at 100% capacity, using coal with 2.5% sulphur content.
- Scenario 2: FGD on all four units, loaded at 100% capacity, using coal with 2.5% sulphur content with reheat.
- Scenario 3: FGD on all four units, loaded at 115% capacity, using coal with 2.5% sulphur content.
- Scenario 4: FGD on all four units, loaded at 115% capacity, using coal with 2.5% sulphur content with reheat.

These scenarios are to be taken as illustrative of the options Ontario Hydro might apply to meet the requirements of the Ontario Countdown Acid Rain Program. Other options, such as the use of low-sulphur coal on some of the units, are possible. The specifications of the above four scenarios can be found in Table 2.

5.1 Exceedances of Hourly SO_2 Air Quality Standard

Calculations for the case in which only the emissions from Lambton TGS are included indicated that there are no exceedances of the hourly SO_2 concentration in the airshed under any one of the four FGD scenarios described above.

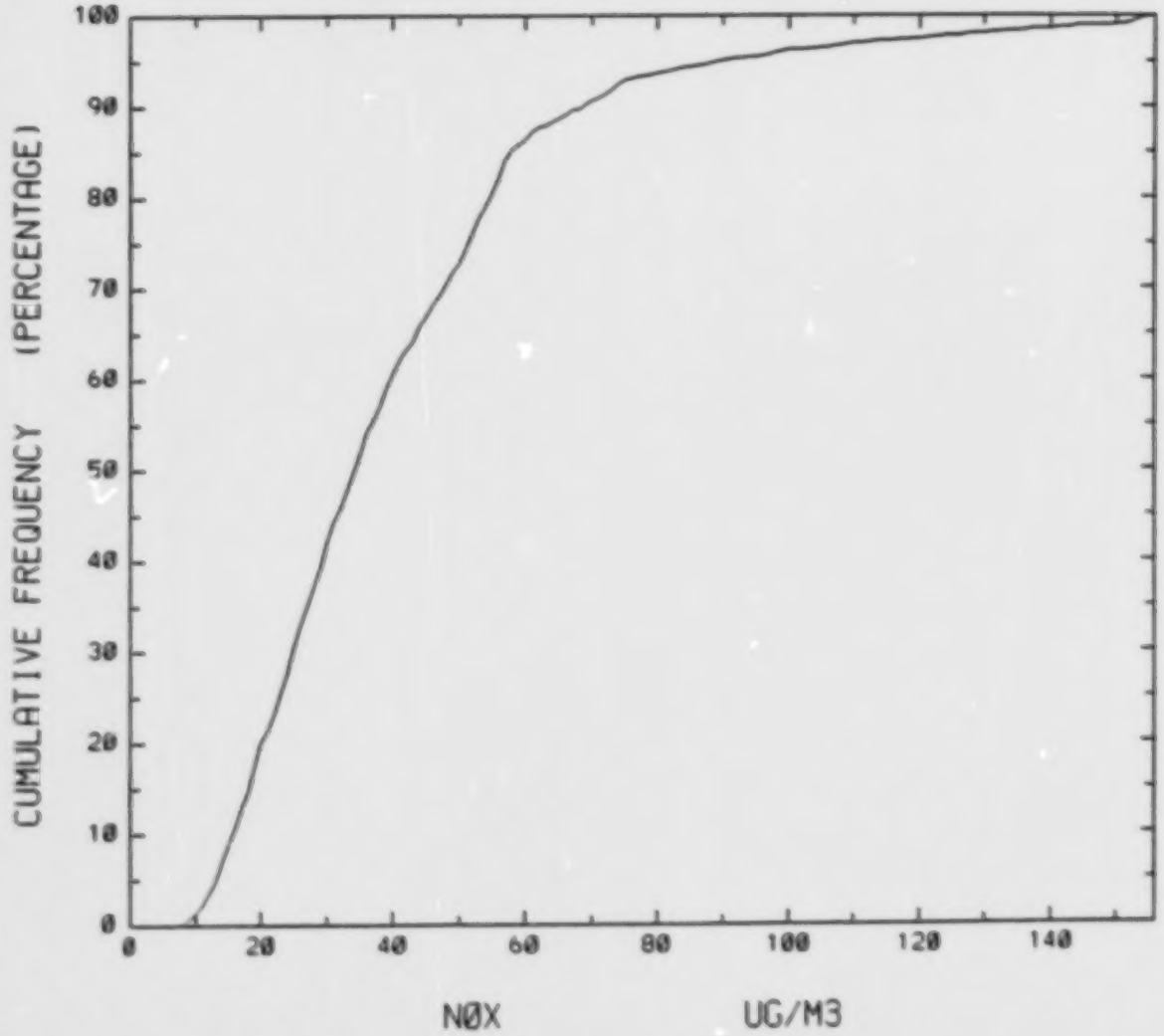

Figure 7. Cumulative frequency distribution of 24-hour running average NOx concentration (µg/m³) measured at River Bend in 1985.

TABLE 2

SPECIFICATIONS OF THE FOUR FGD EMISSION SCENARIOS FOR LAMBTON TGS

Scenario	Stack #	Flues/ Stack	Eff. Radius (m)	Exit T (°C)	Exit V (m/s)	SO_2 Emiss. (g/s)	NO Emiss. (g/s)
1	1	2	3.5	47	33.42	461.0	282.8
	2	2	3.5	47	33.42	461.0	282.8
2	1	2	3.5	75	39.55	461.0	282.8
	2	2	3.5	75	39.55	461.0	282.8
3	1	2	3.5	47	35.38	488.12	305.9
	2	2	3.5	47	35.38	488.12	305.9
4	1	2	3.5	75	41.78	488.12	305.9
	2	2	3.5	75	41.78	488.12	305.9

5.1.1 Exceedances due to Local Sources

The number of exceedances of the hourly SO_2 air quality standard for two of the cases under consideration, ie, the local background, defined as the concentration levels attributable to all local sources except Lambton TGS, and the local background plus the contribution from Lambton TGS, under all FGD and load scenarios, are provided in Table 3. Analysis of the calculated results reveals the following.

- For the local background case, there are 1380 hours of exceedances out of 8059 hours with valid input data. The occurrence frequency is about 17%. One industrial complex is the main contributor to 62% of the total exceedances while a second is the main contributor to 36% of the exceedances.

- Most of the 1380 exceedances occur in an area which covers from 3 to 6 km of the x-coordinate and from 14 to 18 km of the y-coordinate. (Recall that Lambton TGS is at the centre of the coordinate system). This small "hot spot" is the area surrounding the above two industrial complexes.

- The two FGD scenarios without reheat lead to increases of the number of exceedances of the hourly SO_2 air quality standard of 1.4% relative to the values without Lambton TGS (ie, background only). All the new exceedances are below 734 $\mu g/m^3$. Lambton TGS's fractional contribution to these hourly concentrations in excess of the standard is below 10% except one case (09:00 of June 8) when more than 30% of the hourly maximum SO_2 concentration is attributable to Lambton TGS.

- The two FGD scenarios with reheat reduce the number of new exceedances of the hourly SO_2 air quality standard by 58% relative to the number without reheat.

- There are no exceedances of the hourly SO_2 air quality standard at locations where the Lambton TGS contribution reaches its maximum, under all four FGD scenarios.

For reference, a detailed listing of the additional exceedances of the hourly SO_2 air quality standard, obtained after adding Lambton TGS' emission to the local background, under all four FGD scenarios, is given in Appendix D.

To further investigate the impact of Lambton TGS on the local air quality, we calculated the relative contributions at the locations where Lambton TGS has its maximum concentration. Table 4 shows a listing of the hourly values exceeding 450 $\mu g/m^3$ (all local sources).

It is seen, from Table 4, that all the concentrations (due to all local sources) at the locations where Lambton TGS has its greatest impact are below the hourly SO_2 air quality standard of 690 $\mu g/m^3$. For the concentrations above 450 $\mu g/m^3$, the fractional contribution due to Lambton TGS is less than 65%. One of the two industrial complexes mentioned above is the second most important contributor to these concentrations. Its fractional contributions range between 15% and 80%.

TABLE 3

Number of exceedances of the hourly SO_2 standard for the Lambton Industrial Area. The numbers corresponding to the four scenarios represent exceedances after emissions from Lambton TGS are added to the 1985 local background. Numbers in parentheses indicate the increment in the number of exceedances over the local background. All four FGD scenarios assume a constant water droplet content of 299 mg/m^3

	1985 Local Background	Scenario 1	Scenario 2	Scenario 3	Scenario 4
Jan	230	231 (+ 1)	230 (0)	231 (+ 1)	230 (0)
Feb	165	166 (+ 1)	165 (0)	166 (+ 1)	165 (0)
Mar	135	136 (+ 1)	135 (0)	136 (+ 1)	135 (0)
Apr	69	69 (0)	69 (0)	69 (0)	69 (0)
May	74	75 (+ 1)	74 (0)	75 (+ 1)	74 (0)
June	97	99 (+ 2)	97 (0)	99 (+ 2)	97 (0)
July	150	150 (0)	150 (0)	150 (0)	150 (0)
Aug	100	103 (+ 3)	103 (+ 3)	103 (+ 3)	103 (+ 3)
Sept	57	60 (+ 3)	59 (+ 2)	60 (+ 3)	59 (+ 2)
Oct	71	72 (+ 1)	71 (0)	72 (+ 1)	71 (0)
Nov	68	70 (+ 2)	69 (+ 1)	70 (+ 2)	69 (+ 1)
Dec	164	168 (+ 4)	166 (+ 2)	168 (+ 4)	166 (+ 2)
Annual	1380	1399(+19)	1388(+ 8)	1399(+19)	1388(+ 8)

TABLE 4

Fractional contributions of Lambton TGS to hourly concentrations, above 450 μg/m³, at locations where the power plant has its greatest impact.

SCENARIO 1 yr	mh	dy	hr	x (km)	y (km)	conct (ug/m³)	dir (deg)	wspdl (m/s)	wspdh (m/s)	temp (C)	mxht (m)	iflux	lskhr	ohcont (%)	lqpscont (%)	src no	arscont (%)
85	4	19	12	0.2	-8.2	492.6	178.	1.50	1.50	16.0	282	1	0	50.5650	21.3632	12	0.2379
85	7	5	16	4.6	18.4	484.5	14.	8.06	6.11	24.0	2412	2	0	15.7680	80.8496	9	0.0749
85	7	10	8	-2.4	-8.4	494.1	196.	3.89	4.44	18.0	259	1	0	50.8331	22.7115	9	0.4457
85	7	15	12	-1.0	-4.0	613.0	194.	1.67	1.67	21.0	349	1	0	54.5409	17.1111	9	0.7352
85	7	20	10	-1.8	-9.4	556.1	191.	1.94	1.50	21.0	226	1	0	15.0178	31.9084	9	0.7450
85	7	20	11	-1.8	-7.8	484.0	193.	2.22	2.50	22.0	342	1	0	45.5058	21.5507	9	0.4030
85	7	27	9	-1.0	-4.4	476.5	193.	2.22	3.06	19.0	371	1	0	55.2193	17.4418	9	0.5406
85	8	16	9	0.0	-3.6	480.2	179.	1.67	1.67	18.0	390	1	0	63.7091	15.5882	12	0.2045

SCENARIO 2 yr	mh	dy	hr	x (km)	y (km)	conct (ug/m³)	dir (deg)	wspdl (m/s)	wspdh (m/s)	temp (C)	mxht (m)	iflux	lskhr	ohcont (%)	lqpscont (%)	src no	arscont (%)
85	7	15	12	-1.4	-5.8	451.1	194.	1.67	1.67	21.0	349	1	0	42.7520	21.7181	9	0.9519

SCENARIO 3 yr	mh	dy	hr	x (km)	y (km)	conct (ug/m³)	dir (deg)	wspdl (m/s)	wspdh (m/s)	temp (C)	mxht (m)	iflux	lskhr	ohcont (%)	lqpscont (%)	src no	arscont (%)
85	4	19	12	0.4	-8.8	506.1	178.	1.50	1.50	16.0	282	1	0	49.8755	21.2643	12	0.2567
85	7	5	13	2.8	17.4	460.3	9.	8.89	7.22	24.0	2661	2	0	18.7219	36.4456	12	0.0419
85	7	5	15	2.2	14.0	472.1	9.	9.44	7.22	24.0	2828	2	0	20.0270	41.5072	10	0.0118
85	7	10	8	-2.4	-8.4	500.2	196.	3.89	4.44	18.0	259	1	0	51.4329	22.4345	9	0.4402
85	7	15	12	-1.0	-4.0	620.0	194.	1.67	1.67	21.0	349	1	0	55.0558	16.9173	9	0.7268
85	7	20	10	-1.8	-9.4	546.8	191.	1.94	1.50	21.0	226	1	0	13.5631	32.4546	9	0.7577
85	7	20	11	-1.8	-7.8	488.4	193.	2.22	2.50	22.0	342	1	0	45.9991	21.3556	9	0.3994
85	7	27	9	-1.0	-4.4	483.3	193.	2.22	3.06	19.0	371	1	0	55.8465	17.1976	9	0.5331
85	8	16	9	0.0	-3.6	486.6	179.	1.67	1.67	18.0	390	1	0	64.1852	15.3837	12	0.2018

SCENARIO 4 yr	mh	dy	hr	x (km)	y (km)	conct (ug/m³)	dir (deg)	wspdl (m/s)	wspdh (m/s)	temp (C)	mxht (m)	iflux	lskhr	ohcont (%)	lqpscont (%)	src no	arscont (%)

5.1.2 Exceedances Due to All Sources

In order to derive the number of exceedances of the hourly SO_2 air quality standard due to all sources, we incorporated the hourly values obtained in the local background calculation into the calculations of number of exceedances due to all sources. The regional background was also included. To extend the regional background data set, a linear interpolation procedure was adopted for data gaps of less than or equal to 6 hours, as described in sub-section 4.1.

Calculations were conducted for a "total background" case, defined as the sum of the local background and the regional background, and the total background plus various Lambton TGS FGD scenarios. The calculated number of exceedances of the hourly SO_2 air quality standard is presented in Table 5.

As in the case of local sources discussed in the previous sub-section, we may conclude that:

- For the total background case, there are 1437 exceedances of the hourly SO_2 standard, a frequency of about 18%. The same two industrial complexes discussed earlier are the main contributors to 62% and 36% of all exceedances.

- Most of the 1437 exceedances occur in the same "hot spot" discussed earlier.

- The two FGD scenarios without reheat increase the number of SO_2 exceedances by 1.3% relative to the total background case. All the new exceedances are below 761 $\mu g/m^3$. Lambton TGS's contribution to these exceedances is below 10% except on one occasion (09:00 of June 8) when more than 30% of the maximum concentration is attributable to Lambton TGS.

- The two FGD scenarios with reheat reduce the number of new exceedances of the hourly SO_2 air quality standard by 50% relative to the case with no reheat.

- There are no exceedances of the hourly SO_2 standard at locations where Lambton TGS has its maximum contribution, under all FGD scenarios.

A listing of the additional exceedances of the hourly SO_2 standard, obtained after adding Lambton TGS's emission to the total background, under all four FGD scenarios, are provided in Appendix E.

5.2 Exceedances of the 24-Hour Running Average SO_2 Standard

The 1985 meteorological data set provides 4185 valid 24-hour running average periods. Calculations based on Lambton TGS's SO_2 emissions only, indicate that there are no exceedances of the 24-hour running average SO_2 standard in the Lambton airshed under any one of the four FGD scenarios.

TABLE 5

Number of exceedances of the hourly SO_2 standard for the Lambton Industrial Area. The numbers corresponding to the four scenarios represent exceedances after emissions from Lambton TGS are added to the 1985 total background. Numbers in parentheses indicate the increment in the number of exceedances over the total background. All four FGD scenarios assume a constant water droplet content of 299 mg/m^3.

	1985 Total Background	Scenario 1	Scenario 2	Scenario 3	Scenario 4
Jan	237	239 (+ 2)	238 (+ 1)	239 (+ 2)	238 (+ 1)
Feb	182	183 (+ 1)	182 (0)	183 (+ 1)	182 (0)
Mar	144	144 (0)	144 (0)	144 (0)	144 (0)
Apr	70	70 (0)	70 (0)	70 (0)	70 (0)
May	75	76 (+ 1)	75 (0)	76 (+ 1)	75 (0)
June	97	99 (+ 2)	97 (0)	99 (+ 2)	97 (0)
July	150	150 (0)	150 (0)	150 (0)	150 (0)
Aug	105	109 (+ 4)	109 (+ 4)	109 (+ 4)	109 (+ 4)
Sept	60	61 (+ 1)	61 (+ 1)	61 (+ 1)	61 (+ 1)
Oct	75	76 (+ 1)	75 (0)	76 (+ 1)	75 (0)
Nov	69	71 (+ 2)	71 (+ 2)	71 (+ 2)	71 (+ 2)
Dec	174	177 (+ 3)	174 (+ 0)	177 (+ 3)	174 (0)
Annual	1437	1454 (+ 17)	1445 (+ 8)	1454 (+17)	1445 (+ 8)

5.2.1 Exceedances Due to Local Sources

The exceedances of the 24-hour running average SO_2 standard for both the local background case and the local background plus Lambton TGS case, under all four FGD scenarios, were calculated and are summarized in Table 6.

The local SO_2 background calculation shows 82 exceedances of the 24-hour running average SO_2 standard of 275 $\mu g/m^3$. That is an occurrence frequency of 2%. On a calendar-day basis, the calculated local background exceeds the standard on 10 days. Three sources, the two identified above plus a third, contribute 39%, 21%, and 40% respectively, to the 82 exceedances of the 24-hour standard. The fractional contribution of at least one of these sources to each of the exceedances is above 65%. All maximum values in excess of the standard are found within 2 km of the location of the biggest contributor.

As Lambton TGS's emission is added to the local background, only one new exceedance arises, at 09:00 of January 22. The new exceedance is located 14 km to the east and 9 km to the north of Lambton TGS. Also, it is noted that Lambton TGS's fractional contribution to the exceedances is below 3.5% under all four FGD scenarios.

5.2.2 Exceedances Due to All Sources

Calculations were also done for the total background and the total background plus Lambton TGS's emissions. Results show similar statistics as the ones associated with the local background case described in sub-section 5.2.1. Table 7 gives a summary of the results. It should be noted that the size of the valid data set was further reduced to 3240 hours due to the incorporation of the regional SO_2 background into the 24-hour running average calculation procedure. Therefore, a rigorous comparison between Table 6 and Table 7 should not be exercised.

5.3 Exceedances of the Annual Average SO_2 Standard

Annual average concentrations of SO_2 in the Lambton airshed were calculated and compared against the annual standard of 55 $\mu g/m^3$. Results are shown in Tables 8 and 9. The following can be concluded.

- The annual average SO_2 concentrations due to Lambton TGS alone are well below the standard.
- As the local background or the total background are included, the maximum annual concentration in the airshed exceeds the standard by 12 to 13 $\mu g/m^3$.
- Without Lambton TGS, the local background exceeds the standard by 5 $\mu g/m^3$ while the total background exceeds the standard by 11 $\mu g/m^3$.
- Maximum annual mean concentrations are all located at 5 km to the east and 16 km to the north of Lambton TGS.

TABLE 6

Number of exceedances of the 24-hour running average SO_2 standard for the Lambton Industrial Area. The numbers corresponding to the four scenarios represent exceedances after emissions from Lambton TGS are added to the 1985 local background. Numbers in parentheses indicate the increment in the number of exceedances over the local background. All four FGD scenarios assume a constant water droplet content of 299 mg/m^3.

	1985 Local Background	Scenario 1	Scenario 2	Scenario 3	Scenario 4
Jan	40	41 (+ 1)	41 (+ 1)	41 (+ 1)	41 (+ 1)
Feb	4	4	4	4	4
Mar	26	26	26	26	26
Apr	0	0	0	0	0
May	0	0	0	0	0
June	0	0	0	0	0
July	0	0	0	0	0
Aug	0	0	0	0	0
Sept	0	0	0	0	0
Oct	0	0	0	0	0
Nov	0	0	0	0	0
Dec	12	12	12	12	12
Annual	82	83 (+ 1)	83 (+ 1)	83 (+ 1)	83 (+ 1)

TABLE 7

Number of exceedances of the 24-hour running average SO_2 standard for the Lambton Industrial Aea. The numbers corresponding to the four scenarios represent exceedances after emissions from Lambton TGS are added to the 1985 total background. Numbers in parentheses indicate the increment in the number of exceedances over the total background. All four FGD scenarios assume a constant water droplet content of 299 mg/m³.

	1985 Total Background	Scenario 1	Scenario 2	Scenario 3	Scenario 4
Jan	15	16 (+ 1)	15	16 (+ 1)	15
Feb	12	12	12	12	12
Mar	24	24	24	24	24
Apr	0	0	0	0	0
May	0	0	0	0	0
June	0	0	0	0	0
July	0	0	0	0	0
Aug	0	0	0	0	0
Sept	0	0	0	0	0
Oct	6	7 (+ 1)	6	7 (+ 1)	6
Nov	4	4	4	4	4
Dec	19	28 (+ 9)	25 (+ 6)	28 (+ 9)	25 (+ 6)
Annual	80	91 (+11)	86 (+ 6)	91 (+11)	86 (+ 6)

TABLE 8

Maximum annual average SO_2 concentration (g/m ^{3}) in the Lambton airshed for the cases of local background, total background and total background plus Lambton TGS. The maximum values are located at 5 km east and 16 km north of Lambton TGS.

1985 Local Bkgnd	1985 Total Bkgnd	TTL Bkgnd + Scenario 1	TTL Bkgnd + Scenario 2	TTL Bkgnd + Scenario 3	TTL Bkgnd + Scenario 4
60.0	66.2	67.4	67.0	67.4	67.0

TABLE 9

Contributions (g/m ^{3}) of three of the source complexes to the annual average SO_2 concentration, at the location of the maximum.

Source 1	Source 2	Lambton TGS Scenario 1	Lambton TGS Scenario 2	Lambton TGS Scenario 3	Lambton TGS Scenario 4
34.0	12.7	1.2	0.8	1.2	0.8

- The two source complexes referred to earlier contribute about 50% and 19%, to the maximum annual concentrations, while Lambton TGS contributes less than 2%.

5.4 Exceedances of the 24-hour Running Average NOx Standard

Since a reliable regional NO_x background for the Lambton Industrial Area could not be assembled from the monitoring data available, we excluded the contributions due to long-range transport in the analysis of exceedances of the NO_x air quality standard.

Calculations for the case in which only the Lambton TGS NO_x emissions are included show no exceedance of the 24-hour running average NO_x standard in the airshed under all four FGD scenarios.

The numbers of exceedances of the 24-hour running average NO_x standard for the cases of the local background, and the local background plus Lambton TGS, under all four FGD scenarios, are presented in Table 10. Analyses of the results indicate the following.

- The local NO_x background calculated for 1985 exceeds the 24-hour running average standard of 200 $\mu g/m^3$ on 369 occasions. The occurrence frequency is about 8.8% based on the 4185 valid 24-hour running average periods in the 1985 meteorological data set. Of the 369 exceedances, one of the sources mentioned earlier accounts for 267 (about 72%) cases when its NO_x emission produces more than 79% of the total concentration. On a calendar day basis, the local NO_x background exceeds the standard on 42 days.

- The addition of Lambton TGS, under all four FGD scenarios, increases the number of exceedances of the NO_x standard by about 1%. All the exceedances are below 204 $\mu g/m^3$. Lambton TGS's fractional contribution to these new exceedances is less than 5%.

- There are no significant differences between the FGD scenarios with reheat and the FGD scenarios without reheat.

The new exceedances which occur after adding Lambton TGS's emission to the local background under all four FGD scenarios are provided in Appendix F.

6.0 STATISTICAL COMPARISON OF THE FGD SCENARIOS WITH AND WITHOUT REHEAT

In the previous section, parallel calculations were performed for the FGD scenarios with and without reheat. It is seen that the number of exceedances of the air quality standards decreases by a small fraction as an FGD scenario without reheat is replaced by one with reheat. The difference between the impacts on the local air quality of the two types of FGD scenarios was further examined by using the *t*-test of sampling theory (Arkin and Colton, 1970). Since the concentrations due to Lambton TGS's emission only are well below the air quality standard as discussed previously, the tests were

TABLE 10

Number of exceedances of the 24-hour running average NO_x standard for the Lambton Industrial Area. The numbers corresponding to the four scenarios represent exceedances after emissions from Lambton TGS are added to the 1985 local background. Numbers in parentheses indicate the increment in the number of exceedances over the local background. All four FGD scenarios assume a constant water droplet content of 299 mg/m³.

	1985 Local Background	Scenario 1	Scenario 2	Scenario 3	Scenario 4
Jan	89	89	89	89	89
Feb	89	90 (+ 1)	90 (+ 1)	90 (+ 1)	90 (+ 1)
Mar	50	51 (+ 1)	51 (+ 1)	51 (+ 1)	51 (+ 1)
Apr	0	0	0	0	0
May	0	0	0	0	0
June	0	0	0	0	0
July	0	0	0	0	0
Aug	0	0	0	0	0
Sept	18	18	18	18	18
Oct	33	34 (+ 1)	34 (+ 1)	34 (+ 1)	34 (+ 1)
Nov	54	54	54	54	54
Dec	36	38 (+ 2)	36	38 (+ 2)	36
Annual	369	374 (+ 5)	372 (+ 3)	374 (+ 5)	372 (+ 3)

only applied to the cases involving all sources. The hourly SO_2 maximum concentrations calculated from scenario 1 and scenario 2 were used to compose two data sets. The results of the tests indicate the following.

- For the hourly maximum concentrations, the *t* value calculated from the two data samples is 0.068. This gives a confidence level of 94% at which the two sets can be regarded as comparable.

- For the hourly maximum concentrations in excess of 690 $\mu g/m^3$, the *t* value calculated based on the two screened samples is 0.022, implying an equivalence of the two scenarios with a confidence of 98%.

7.0 CONCLUDING REMARKS

Based on the above results, we conclude that:

- The Lambton Industrial Area is a non-attainment area for SO_2 and NO_x, based on the proposed CAP modelling package and input data available.

- Two industrial complexes in the Lambton Industrial Area are the major point sources causing the airshed to be non-attainment. In the case of the 24-hour running average SO_2 concentrations, a third source emerges as another important contributor to exceedances over the 275 $\mu g/m^3$ standard.

- When Lambton TGS's emission is imposed on the background air quality of the airshed, the number of exceedances increases by less than 2%. In addition, the fractional contributions from Lambton TGS to the new exceedance concentrations is generally less than 10% under all four FGD scenarios.

- In the case of the hourly air quality standard, the SO_2 concentrations due to all sources, at locations where the maximum contribution from Lambton TGS occurs, are exclusively below the 690 $\mu g/m^3$ standard.

- The FGD scenarios with reheat show an improvement over the FGD scenarios without reheat in terms of the number of exceedances of the air quality standards. It is noticed that the vast majority of exceedances is associated with the background and the contribution of Lambton TGS to these concentrations is small. Further analyses reveal that the impacts of the two types of FGD scenarios (ie, with and without reheat) on the local air quality are statistically equivalent at a confidence level about 94%. Therefore, the added benefit of adopting an FGD system with stack gas reheat on the local air quality is minimal.

- Ontario Hydro's version of the CAP dispersion models requires considerable computing power to run. Calculation of the hourly SO_2 concentrations in the Lambton Industrial Area for a year needs about 7 days of CPU on the Research Division's central computer REX, a CYBER 910, which is about 4 times as fast as an IBM PC 386 with a co-processor.

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APPENDIX A

Point and Area Sources of SO_2 and NO_x in the Lambton Industrial Area

A-1. Point and Area Sources of SO2

source information
source no.: 1
station : LAMBTON
station id : 105803
station location x : 0.00 km.
station location y : 0.00 km.

source information
source no.: 2
station : CABOT CARBON
station id : 100040
station location x : 4.89 km.
station location y : 15.56 km.

stack information:

stack no.	stack height (m)	stack radius (m)	stack exit vel. (m/s)	stack exit temp. (deg c)	annual emission rate (Mg)
1	30.48	0.31	8.02	177.00	0.153000E+03
2	30.48	0.38	6.95	232.00	0.553000E+03
3	30.48	0.46	6.55	177.00	0.281000E+03
4	30.48	0.46	6.55	179.00	0.279000E+03
5	30.48	0.25	4.48	149.00	0.630000E+02
6	30.48	0.35	4.57	149.00	0.126000E+03
7	30.48	0.23	8.84	149.00	0.202000E+03
8	30.48	0.46	9.45	482.00	0.346000E+03
9	30.48	0.61	6.71	482.00	0.146000E+03
10	30.48	1.35	6.71	482.00	0.146000E+03
11	33.53	1.35	13.41	871.00	0.255000E+03

source information
source no.: 3
station : CAN INDUSTRIES LTD
station id : 100031
station location x : 1.63 km.
station location y : -4.45 km.

stack information:

stack no.	stack height (m)	stack radius (m)	stack exit vel. (m/s)	stack exit temp. (deg c)	annual emission rate (Mg)
1	32.00	1.50	21.70	199.00	0.660000E+02
2	21.00	1.35	1.20	299.00	0.474000E+02

source information
source no.: 4
station : DOME PETROLEUM
station id : 100007
station location x : 18.80 km.
station location y : -25.57 km.

stack information:

stack no.	stack height (m)	stack radius (m)	stack exit vel. (m/s)	stack exit temp. (deg c)	annual emission rate (Mg)
1	21.00	0.61	0.00	259.00	0.300000E+00
2	51.00	0.61	0.00	215.00	0.300000E+00

source information
source no.: 5
station : DOW CHEMICAL
station id : 101708
station location x : 2.44 km.
station location y : 15.56 km.

stack information:

stack no.	stack height (m)	stack radius (m)	stack exit vel. (m/s)	stack exit temp. (deg c)	annual emission rate (Mg)
1	91.50	1.60	0.00	150.00	0.110000E+03
2	91.50	1.60	15.00	150.00	0.110000E+03

source information
source no.: 6
station : DU PONT CAN INC.
station id : 102102
station location x : 2.45 km.
station location y : 11.12 km.

stack information:

stack no.	stack height (m)	stack radius (m)	stack exit vel. (m/s)	stack exit temp. (deg c)	annual emission rate (Mg)
1	19.81	0.46	16.50	304.00	0.500000E+00
2	30.48	0.45	16.18	293.00	0.182000E+02
3	38.10	0.76	13.40	196.00	0.504000E+02

source information
source no.: 7
station : ETHYL CANADA INC.
station id : 100025
station location x : 4.89 km.
station location y : 11.12 km.

stack information:

stack no.	stack height (m)	stack radius (m)	stack exit vel. (m/s)	stack exit temp. (deg c)	annual emission rate (Mg)
1	45.72	0.25	20.12	54.00	0.130000E+01

source information
source no.: 8
station : GOODFELLOW ENT LTD
station id : 100044
station location x : 13.86 km.
station location y : 8.89 km.

stack information:

stack no.	stack height (m)	stack radius (m)	stack exit vel. (m/s)	stack exit temp. (deg c)	annual emission rate (Mg)
1	6.00	0.20	13.90	232.00	0.265000E+02
2	9.00	0.20	13.90	232.00	0.345000E+02

source information
source no.: 9
station : IMPERIAL OIL
station id : 101303
station location x : 4.07 km.
station location y : 16.68 km.

stack information:

stack no.	stack height (m)	stack radius (m)	stack exit vel. (m/s)	stack exit temp. (deg c)	annual emission rate (Mg)
1	84.00	1.80	12.80	223.00	0.298270E+04
2	107.00	1.70	23.00	237.00	0.988310E+04
3	91.00	1.30	7.90	338.00	0.903100E+03
4	91.00	1.40	14.40	271.00	0.145280E+04
5	28.00	0.65	5.40	385.00	0.886400E+03
6	84.00	1.00	20.30	552.00	0.322300E+03
7	91.00	1.60	11.20	344.00	0.102820E+04
8	61.00	0.60	5.30	316.00	0.951000E+02
9	29.00	0.60	5.30	371.00	0.581000E+02
10	37.00	0.70	6.00	566.00	0.599000E+02
11	45.00	1.25	17.00	504.00	0.379200E+03
12	29.00	0.70	5.80	413.00	0.154450E+04

source information
source no.: 10
station : PETROSAR LTD
station id : 101702
station location x : 1.63 km.
station location y : 11.12 km.

stack information:

stack no.	stack height (m)	stack radius (m)	stack exit vel. (m/s)	stack exit temp. (deg c)	annual emission rate (Mg)
1	61.00	1.40	10.00	168.00	0.312880E+04
2	61.00	0.85	10.00	168.00	0.156540E+04

source information
source no.: 11
station : POLYBAR LTD
station id : 101709
station location x : 3.26 km.
station location y : 16.68 km.

stack information:

stack no.	stack height (m)	stack radius (m)	stack exit vel. (m/s)	stack exit temp. (deg c)	annual emission rate (Mg)
1	91.50	2.82	20.00	170.00	0.156810E+04
2	54.86	1.37	6.71	316.00	0.300000E+00
3	45.72	0.61	12.50	204.00	0.616000E+02
4	61.00	0.31	0.50	871.00	0.100000E+00
5	60.96	0.31	5.00	871.00	0.600000E+00

source information
source no.: 12
station : SHELL CAN (COLUMBIA)
station id : 101706
station location x : 1.63 km.
station location y : 11.12 km.

stack information:

stack no.	stack height (m)	stack radius (m)	stack exit vel. (m/s)	stack exit temp. (deg c)	annual emission rate (Mg)
1	76.20	1.45	12.38	310.00	0.262300E+04
2	76.20	1.65	13.60	310.00	0.456500E+04
3	91.40	1.30	25.95	204.00	0.756400E+04

source information
source no.: 13
station : SUNCOR
station id : 101306
station location x : 2.44 km.
station location y : 14.45 km.

stack information:

stack no.	stack height (m)	stack radius (m)	stack exit vel. (m/s)	stack exit temp. (deg c)	annual emission rate (Mg)
1	77.72	1.67	4.93	337.00	0.149950E+04
2	18.29	0.61	3.08	297.00	0.300000E+00
3	29.26	0.69	2.96	268.00	0.100000E+00
4	30.48	1.07	1.64	332.00	0.400000E+00
5	48.78	0.73	1.96	238.00	0.100000E+00
6	49.38	0.92	3.12	241.00	0.200000E+00
7	38.10	0.73	2.42	259.00	0.854000E+02
8	38.10	0.73	3.78	269.00	0.130700E+03
9	75.90	1.45	6.62	235.00	0.514000E+02
10	76.20	0.53	0.00	0.00	0.894000E+03

source information
source no.: 14
station : PCTURE 000
station id : 0008
station location x : 2.44 km.
station location y : 21.12 km.

stack information:

stack no.	stack height (m)	stack radius (m)	stack exit vel. (m/s)	stack exit temp. (deg c)	annual emission rate (Mg)
1	41.15	0.63	26.65	171.00	0.220400E+03

source information
source no.: 15
station : CNT & POWERHOUSE 003
station id : 0010
station location x : -47.40 km.
station location y : -26.68 km.

stack information:

stack no.	stack height (m)	stack radius (m)	stack exit vel. (m/s)	stack exit temp. (deg c)	annual emission rate (Mg)
1	26.52	0.46	0.00	182.00	0.417000E+02
2	26.52	0.61	0.00	182.00	0.109700E+03

source information
source no.: 16
station : PMT 003
station id : 0025
station location x : -47.39 km.
station location y : -33.35 km.

stack information:

stack no.	stack height (m)	stack radius (m)	stack exit vel. (m/s)	stack exit temp. (deg c)	annual emission rate (Mg)
1	24.38	0.46	31.62	199.00	0.645800E+03
2	24.38	0.76	19.84	199.00	0.121600E+03

source information
source no.: 17
station : PE & PAPER MFG 000
station id : 0012
station location x : 1.63 km.
station location y : 20.01 km.

stack information:

stack no.	stack height (m)	stack radius (m)	stack exit vel. (m/s)	stack exit temp. (deg c)	annual emission rate (Mg)
1	33.53	0.76	7.30	139.00	0.121600E+03

source information
source no.: 18
station : G
station id : 0004
station location x : -34.33 km.
station location y : -28.91 km.

stack information:

stack no.	stack height (m)	stack radius (m)	stack exit vel. (m/s)	stack exit temp. (deg c)	annual emission rate (Mg)
1	60.96	1.75	13.21	232.00	0.108000E+03

source information
source no.: 19
station : PA ASSEMBLY 000
station id : 0014
station location x : -42.41 km.
station location y : 1.11 km.

stack information:

stack no.	stack height (m)	stack radius (m)	stack exit vel. (m/s)	stack exit temp. (deg c)	annual emission rate (Mg)
1	8.53	0.31	6.01	31.00	0.109000E+02

source information
source no.: 20
station :
station id : 70
station location x : 2.45 km.
station location y : -37.80 km.

stack information:

stack no.	stack height (m)	stack radius (m)	stack exit vel. (m/s)	stack exit temp. (deg c)	annual emission rate (Mg)
1	0.00	0.00	0.00	-999.00	0.503000E+00

source information
source no.: 21
station :
station id : 71
station location x : 7.36 km.
station location y : -36.69 km.

stack information:

stack no.	stack height (m)	stack radius (m)	stack exit vel. (m/s)	stack exit temp. (deg c)	annual emission rate (Mg)
1	0.00	0.00	0.00	-999.00	0.811000E+00

source information
source no.: 22
station :
station id : 72
station location x : 2.45 km.
station location y : -32.24 km.

stack information:

stack no.	stack height (m)	stack radius (m)	stack exit vel. (m/s)	stack exit temp. (deg c)	annual emission rate (Mg)
1	0.00	0.00	0.00	-999.00	0.699000E+00

source information
source no.: 23
station :
station id : 73
station location x : 7.36 km.
station location y : -32.24 km.

stack information:

stack no.	stack height (m)	stack radius (m)	stack exit vel. (m/s)	stack exit temp. (deg c)	annual emission rate (Mg)
1	0.00	0.00	0.00	-999.00	0.811000E+00

source information
source no.: 24
station :
station id : 80
station location x : -2.45 km.
station location y : -27.79 km.

stack information:

stack no.	stack height (m)	stack radius (m)	stack exit vel. (m/s)	stack exit temp. (deg c)	annual emission rate (Mg)
1	0.00	0.00	0.00	-999.00	0.563600E+01

source information
source no.: 25
station :
station id : 81
station location x : 2.45 km.
station location y : -27.79 km.

stack information:

stack no.	stack height (m)	stack radius (m)	stack exit vel. (m/s)	stack exit temp. (deg c)	annual emission rate (Mg)
1	0.00	0.00	0.00	-999.00	0.132280E+02

source information
source no.: 26
station :
station id : 82
station location x : 7.36 km.
station location y : -26.68 km.

stack information:

stack no.	stack height (m)	stack radius (m)	stack exit vel. (m/s)	stack exit temp. (deg c)	annual emission rate (Mg)
1	0.00	0.00	0.00	-999.00	0.928000E+00

source information
source no.: 27
station :
station id : 91
station location x : -2.45 km.
station location y : -22.24 km.

stack information:

stack no.	stack height (m)	stack radius (m)	stack exit vel. (m/s)	stack exit temp. (deg c)	annual emission rate (Mg)
1	0.00	0.00	0.00	-999.00	0.506000E+00

source information
source no.: 28
station :
station id : 92
station location x : 2.45 km.
station location y : -22.24 km.

stack information:

stack no.	stack height (m)	stack radius (m)	stack exit vel. (m/s)	stack exit temp. (deg c)	annual emission rate (Mg)
1	0.00	0.00	0.00	-999.00	0.151760E+02

source information
source no.: 29
station :
station id : 93
station location x : 7.35 km.
station location y : -22.24 km.

stack information:

stack no.	stack height (m)	stack radius (m)	stack exit vel. (m/s)	stack exit temp. (deg c)	annual emission rate (Mg)
1	0.00	0.00	0.00	-999.00	0.578970E+02

source information
source no.: 30
station :
station id : 97
station location x : -2.45 km.
station location y : -17.79 km.

stack information:

stack no.	stack height (m)	stack radius (m)	stack exit vel. (m/s)	stack exit temp. (deg c)	annual emission rate (Mg)
1	0.00	0.00	0.00	-999.00	0.290600E+01

source information
source no.: 31
station :
station id : 98
station location x : 2.45 km.
station location y : -17.79 km.

stack information:

stack no.	stack height (m)	stack radius (m)	stack exit vel. (m/s)	stack exit temp. (deg c)	annual emission rate (Mg)
1	0.00	0.00	0.00	-999.00	0.801000E+00

source information
source no.: 32
station :
station id : 99
station location x : 7.35 km.
station location y : -16.68 km.

stack information:

stack no.	stack height (m)	stack radius (m)	stack exit vel. (m/s)	stack exit temp. (deg c)	annual emission rate (Mg)
1	0.00	0.00	0.00	-999.00	0.801000E+00

source information
source no.: 33
station :
station id : 114
station location x : -3.27 km.
station location y : -12.23 km.

stack information:

stack no.	stack height (m)	stack radius (m)	stack exit vel. (m/s)	stack exit temp. (deg c)	annual emission rate (Mg)
1	0.00	0.00	0.00	-999.00	0.914400E+01

source information
source no.: 34
station :
station id : 115
station location x : 2.45 km.
station location y : -12.23 km.

stack information:

stack no.	stack height (m)	stack radius (m)	stack exit vel. (m/s)	stack exit temp. (deg c)	annual emission rate (Mg)
1	0.00	0.00	0.00	-999.00	0.908000E+00

source information
source no.: 35
station :
station id : 116
station location x : 7.35 km.
station location y : -12.23 km.

stack information:

stack no.	stack height (m)	stack radius (m)	stack exit vel. (m/s)	stack exit temp. (deg c)	annual emission rate (Mg)
1	0.00	0.00	0.00	-999.00	0.908000E+00

source information
source no.: 36
station :
station id : 120
station location x : 1.63 km.
station location y : -7.78 km.

stack information:

stack no.	stack height (m)	stack radius (m)	stack exit vel. (m/s)	stack exit temp. (deg c)	annual emission rate (Mg)
1	0.00	0.00	0.00	-999.00	0.122200E+01

source information
source no.: 37
station :
station id : 121
station location x : 7.35 km.
station location y : -6.67 km.

stack information:

stack no.	stack height (m)	stack radius (m)	stack exit vel. (m/s)	stack exit temp. (deg c)	annual emission rate (Mg)
1	0.00	0.00	0.00	-999.00	0.102600E+01

source information
source no.: 38
station :
station id : 138
station location x : 1.63 km.
station location y : -2.22 km.

stack information:

stack no.	stack height (m)	stack radius (m)	stack exit vel. (m/s)	stack exit temp. (deg c)	annual emission rate (Mg)
1	0.00	0.00	0.00	-999.00	0.288500E+01

source information
source no.: 39
station :
station id : 139
station location x : 6.53 km.
station location y : -2.22 km.

stack information:

stack no.	stack height (m)	stack radius (m)	stack exit vel. (m/s)	stack exit temp. (deg c)	annual emission rate (Mg)
1	0.00	0.00	0.00	-999.00	0.268900E+01

source information
source no.: 40
station :
station id : 163
station location x : 1.63 km.
station location y : 2.22 km.

stack information:

stack no.	stack height (m)	stack radius (m)	stack exit vel. (m/s)	stack exit temp. (deg c)	annual emission rate (Mg)
1	0.00	0.00	0.00	-999.00	0.6789308+02

source information
source no.: 41
station :
station id : 164
station location x : 6.52 km.
station location y : 3.34 km.

stack information:

stack no.	stack height (m)	stack radius (m)	stack exit vel. (m/s)	stack exit temp. (deg c)	annual emission rate (Mg)
1	0.00	0.00	0.00	-999.00	0.3061008+01

source information
source no.: 42
station :
station id : 163
station location x : 1.63 km.
station location y : 7.78 km.

stack information:

stack no.	stack height (m)	stack radius (m)	stack exit vel. (m/s)	stack exit temp. (deg c)	annual emission rate (Mg)
1	0.00	0.00	0.00	-999.00	0.2885008+01

source information
source no.: 43
station :
station id : 164
station location x : 6.52 km.
station location y : 7.78 km.

stack information:

stack no.	stack height (m)	stack radius (m)	stack exit vel. (m/s)	stack exit temp. (deg c)	annual emission rate (Mg)
1	0.00	0.00	0.00	-999.00	0.3061008+01

source information
source no.: 44
station :
station id : 165
station location x : 11.41 km.
station location y : 7.78 km.

stack information:

stack no.	stack height (m)	stack radius (m)	stack exit vel. (m/s)	stack exit temp. (deg c)	annual emission rate (Mg)
1	0.00	0.00	0.00	-999.00	0.2345208+02

source information
source no.: 45
station :
station id : 168
station location x : 1.63 km.
station location y : 12.23 km.

stack information:

stack no.	stack height (m)	stack radius (m)	stack exit vel. (m/s)	stack exit temp. (deg c)	annual emission rate (Mg)
1	0.00	0.00	0.00	-999.00	0.1320108+02

source information
source no.: 46
station :
station id : 169
station location x : 6.52 km.
station location y : 13.34 km.

stack information:

stack no.	stack height (m)	stack radius (m)	stack exit vel. (m/s)	stack exit temp. (deg c)	annual emission rate (Mg)
1	0.00	0.00	0.00	-999.00	0.9534000+01

source information
source no.: 47
station :
station id : 197
station location x : 1.63 km.
station location y : 17.79 km.

stack information:

stack no.	stack height (m)	stack radius (m)	stack exit vel. (m/s)	stack exit temp. (deg c)	annual emission rate (Mg)
1	0.00	0.00	0.00	-999.00	0.1376100+02

source information
source no.: 48
station :
station id : 198
station location x : 6.52 km.
station location y : 17.79 km.

stack information:

stack no.	stack height (m)	stack radius (m)	stack exit vel. (m/s)	stack exit temp. (deg c)	annual emission rate (Mg)
1	0.00	0.00	0.00	-999.00	0.8668100+02

source information
source no.: 49
station :
station id : 199
station location x : 12.22 km.
station location y : 20.01 km.

stack information:

stack no.	stack height (m)	stack radius (m)	stack exit vel. (m/s)	stack exit temp. (deg c)	annual emission rate (Mg)
1	0.00	0.00	0.00	-999.00	0.6662300+02

source information
source no.: 50
station :
station id : 74
station location x : 13.08 km.
station location y : -30.02 km.

stack information:

stack no.	stack height (m)	stack radius (m)	stack exit vel. (m/s)	stack exit temp. (deg c)	annual emission rate (Mg)
1	0.00	0.00	0.00	-999.00	0.3387000+01

source information
source no.: 51
station :
station id : 75
station location x : 22.89 km.
station location y : -30.02 km.

stack information:

stack no.	stack height (m)	stack radius (m)	stack exit vel. (m/s)	stack exit temp. (deg c)	annual emission rate (Mg)
1	0.00	0.00	0.00	-999.00	0.4611000+01

source information
source no.: 92
station :
station id : 76
station location x : 12.70 km.
station location y : -30.03 km.

stack information:

stack no.	stack height (m)	stack radius (m)	stack exit vel. (m/s)	stack exit temp. (deg c)	annual emission rate (Mg)
1	0.00	0.00	0.00	-999.00	0.2966000E+02

source information
source no.: 93
station :
station id : 94
station location x : 13.07 km.
station location y : -30.01 km.

stack information:

stack no.	stack height (m)	stack radius (m)	stack exit vel. (m/s)	stack exit temp. (deg c)	annual emission rate (Mg)
1	0.00	0.00	0.00	-999.00	0.4030000E+01

source information
source no.: 94
station :
station id : 99
station location x : 12.87 km.
station location y : -29.01 km.

stack information:

stack no.	stack height (m)	stack radius (m)	stack exit vel. (m/s)	stack exit temp. (deg c)	annual emission rate (Mg)
1	0.00	0.00	0.00	-999.00	0.3111000E+02

source information
source no.: 95
station :
station id : 96
station location x : 12.69 km.
station location y : -29.01 km.

stack information:

stack no.	stack height (m)	stack radius (m)	stack exit vel. (m/s)	stack exit temp. (deg c)	annual emission rate (Mg)
1	0.00	0.00	0.00	-999.00	0.4613000E+01

source information
source no.: 96
station :
station id : 117
station location x : 13.06 km.
station location y : -10.01 km.

stack information:

stack no.	stack height (m)	stack radius (m)	stack exit vel. (m/s)	stack exit temp. (deg c)	annual emission rate (Mg)
1	0.00	0.00	0.00	-999.00	0.4019000E+01

source information
source no.: 97
station :
station id : 118
station location x : 12.86 km.
station location y : -10.01 km.

stack information:

stack no.	stack height (m)	stack radius (m)	stack exit vel. (m/s)	stack exit temp. (deg c)	annual emission rate (Mg)
1	0.00	0.00	0.00	-999.00	0.2630000E+01

source information
source no.: 58
station :
station id : 119
station location x : 32.05 km.
station location y : -10.35 km.

stack information:

stack no.	stack height (m)	stack radius (m)	stack exit vel. (m/s)	stack exit temp. (deg c)	annual emission rate (Mg)
1	0.00	0.00	0.00	-999.00	0.288300E+01

source information
source no.: 59
station :
station id : 140
station location x : 13.05 km.
station location y : 0.00 km.

stack information:

stack no.	stack height (m)	stack radius (m)	stack exit vel. (m/s)	stack exit temp. (deg c)	annual emission rate (Mg)
1	0.00	0.00	0.00	-999.00	0.118400E+02

source information
source no.: 60
station :
station id : 141
station location x : 32.04 km.
station location y : 0.00 km.

stack information:

stack no.	stack height (m)	stack radius (m)	stack exit vel. (m/s)	stack exit temp. (deg c)	annual emission rate (Mg)
1	0.00	0.00	0.00	-999.00	0.569900E+01

source information
source no.: 61
station :
station id : 143
station location x : 32.03 km.
station location y : 0.00 km.

stack information:

stack no.	stack height (m)	stack radius (m)	stack exit vel. (m/s)	stack exit temp. (deg c)	annual emission rate (Mg)
1	0.00	0.00	0.00	-999.00	0.350500E+01

source information
source no.: 62
station :
station id : 144
station location x : 32.02 km.
station location y : 10.01 km.

stack information:

stack no.	stack height (m)	stack radius (m)	stack exit vel. (m/s)	stack exit temp. (deg c)	annual emission rate (Mg)
1	0.00	0.00	0.00	-999.00	0.248220E+02

source information
source no.: 63
station :
station id : 147
station location x : 32.01 km.
station location y : 10.01 km.

stack information:

stack no.	stack height (m)	stack radius (m)	stack exit vel. (m/s)	stack exit temp. (deg c)	annual emission rate (Mg)
1	0.00	0.00	0.00	-999.00	0.691900E+01

source information
source no.: 64
station :
station id : 200
station location x : 21.99 km.
station location y : 20.01 km.

stack information:

stack no.	stack height (m)	stack radius (m)	stack exit vel. (m/s)	stack exit temp. (deg c)	annual emission rate (Mg)
1	0.00	0.00	0.00	-999.00	0.209920E+02

source information
source no.: 65
station :
station id : 201
station location x : 32.58 km.
station location y : 20.01 km.

stack information:

stack no.	stack height (m)	stack radius (m)	stack exit vel. (m/s)	stack exit temp. (deg c)	annual emission rate (Mg)
1	0.00	0.00	0.00	-999.00	0.103370E+02

source information
source no.: 66
station :
station id : 202
station location x : 1.63 km.
station location y : 22.34 km.

stack information:

stack no.	stack height (m)	stack radius (m)	stack exit vel. (m/s)	stack exit temp. (deg c)	annual emission rate (Mg)
1	0.00	0.00	0.00	-999.00	0.318000E+02

source information
source no.: 67
station :
station id : 203
station location x : 6.52 km.
station location y : 23.35 km.

stack information:

stack no.	stack height (m)	stack radius (m)	stack exit vel. (m/s)	stack exit temp. (deg c)	annual emission rate (Mg)
1	0.00	0.00	0.00	-999.00	0.791621E+03

source information
source no.: 68
station :
station id : 228
station location x : 21.98 km.
station location y : 30.02 km.

stack information:

stack no.	stack height (m)	stack radius (m)	stack exit vel. (m/s)	stack exit temp. (deg c)	annual emission rate (Mg)
1	0.00	0.00	0.00	-999.00	0.183300E+01

source information
source no.: 69
station :
station id : 229
station location x : 32.96 km.
station location y : 30.02 km.

stack information:

stack no.	stack height (m)	stack radius (m)	stack exit vel. (m/s)	stack exit temp. (deg c)	annual emission rate (Mg)
1	0.00	0.00	0.00	-999.00	0.288210E+02

source information
source no.: 70
station :
station id : SC1
station location x : -4.89 km.
station location y : 8.89 km.

stack information:

stack no.	stack height (m)	stack radius (m)	stack exit vel. (m/s)	stack exit temp. (deg c)	annual emission rate (Mg)
1	0.00	0.00	0.00	-999.00	0.206150E+02

source information
source no.: 71
station :
station id : SC2
station location x : -4.89 km.
station location y : 17.79 km.

stack information:

stack no.	stack height (m)	stack radius (m)	stack exit vel. (m/s)	stack exit temp. (deg c)	annual emission rate (Mg)
1	0.00	0.00	0.00	-999.00	0.206150E+02

source information
source no.: 72
station :
station id : SC3
station location x : -4.89 km.
station location y : 0.00 km.

stack information:

stack no.	stack height (m)	stack radius (m)	stack exit vel. (m/s)	stack exit temp. (deg c)	annual emission rate (Mg)
1	0.00	0.00	0.00	-999.00	0.206150E+02

source information
source no.: 73
station :
station id : SC4
station location x : -4.90 km.
station location y : -8.89 km.

stack information:

stack no.	stack height (m)	stack radius (m)	stack exit vel. (m/s)	stack exit temp. (deg c)	annual emission rate (Mg)
1	0.00	0.00	0.00	-999.00	0.206150E+02

source information
source no.: 74
station :
station id : SC5
station location x : -4.90 km.
station location y : -17.79 km.

stack information:

stack no.	stack height (m)	stack radius (m)	stack exit vel. (m/s)	stack exit temp. (deg c)	annual emission rate (Mg)
1	0.00	0.00	0.00	-999.00	0.103090E+02

source information
source no.: 75
station :
station id : SC6
station location x : -4.90 km.
station location y : -26.68 km.

stack information:

stack no.	stack height (m)	stack radius (m)	stack exit vel. (m/s)	stack exit temp. (deg c)	annual emission rate (Mg)
1	0.00	0.00	0.00	-999.00	0.515500E+01

source information
source no.: 76
station :
station id : HC7
station location x : -13.86 km.
station location y : 8.89 km.

stack information:

stack no.	stack height (m)	stack radius (m)	stack exit vel. (m/s)	stack exit temp. (deg c)	annual emission rate (Mg)
1	0.00	0.00	0.00	-999.00	0.206150E+02

source information
source no.: 77
station :
station id : HC8
station location x : -13.85 km.
station location y : 17.79 km.

stack information:

stack no.	stack height (m)	stack radius (m)	stack exit vel. (m/s)	stack exit temp. (deg c)	annual emission rate (Mg)
1	0.00	0.00	0.00	-999.00	0.206150E+02

source information
source no.: 78
station :
station id : HC9
station location x : -13.87 km.
station location y : 0.00 km.

stack information:

stack no.	stack height (m)	stack radius (m)	stack exit vel. (m/s)	stack exit temp. (deg c)	annual emission rate (Mg)
1	0.00	0.00	0.00	-999.00	0.206150E+02

source information
source no.: 79
station :
station id : HI0
station location x : -13.86 km.
station location y : -8.89 km.

stack information:

stack no.	stack height (m)	stack radius (m)	stack exit vel. (m/s)	stack exit temp. (deg c)	annual emission rate (Mg)
1	0.00	0.00	0.00	-999.00	0.183090E+02

source information
source no.: 80
station :
station id : HI1
station location x : -13.89 km.
station location y : -17.79 km.

stack information:

stack no.	stack height (m)	stack radius (m)	stack exit vel. (m/s)	stack exit temp. (deg c)	annual emission rate (Mg)
1	0.00	0.00	0.00	-999.00	0.515500E+01

source information
source no.: 81
station :
station id : HI2
station location x : -22.83 km.
station location y : 8.89 km.

stack information:

stack no.	stack height (m)	stack radius (m)	stack exit vel. (m/s)	stack exit temp. (deg c)	annual emission rate (Mg)
1	0.00	0.00	0.00	-999.00	0.206150E+02

source information
source no.: 82
station :
station id : S13
station location x : -22.81 km.
station location y : 17.79 km.

stack information:

stack no.	stack height (m)	stack radius (m)	stack exit vel. (m/s)	stack exit temp. (deg c)	annual emission rate (Mg)
1	0.00	0.00	0.00	-999.00	0.206150E+02

source information
source no.: 83
station :
station id : S14
station location x : -31.79 km.
station location y : 8.89 km.

stack information:

stack no.	stack height (m)	stack radius (m)	stack exit vel. (m/s)	stack exit temp. (deg c)	annual emission rate (Mg)
1	0.00	0.00	0.00	-999.00	0.206150E+02

source information
source no.: 84
station :
station id : S15
station location x : -31.77 km.
station location y : 17.79 km.

stack information:

stack no.	stack height (m)	stack radius (m)	stack exit vel. (m/s)	stack exit temp. (deg c)	annual emission rate (Mg)
1	0.00	0.00	0.00	-999.00	0.206150E+02

source information
source no.: 85
station :
station id : S16
station location x : -40.76 km.
station location y : 8.89 km.

stack information:

stack no.	stack height (m)	stack radius (m)	stack exit vel. (m/s)	stack exit temp. (deg c)	annual emission rate (Mg)
1	0.00	0.00	0.00	-999.00	0.206150E+02

source information
source no.: 86
station :
station id : S17
station location x : -40.73 km.
station location y : 17.79 km.

stack information:

stack no.	stack height (m)	stack radius (m)	stack exit vel. (m/s)	stack exit temp. (deg c)	annual emission rate (Mg)
1	0.00	0.00	0.00	-999.00	0.206150E+02

source information
source no.: 87
station :
station id : S18
station location x : -4.88 km.
station location y : 26.68 km.

stack information:

stack no.	stack height (m)	stack radius (m)	stack exit vel. (m/s)	stack exit temp. (deg c)	annual emission rate (Mg)
1	0.00	0.00	0.00	-999.00	0.206150E+02

source information
source no.: 88
station :
station id : S19
station location x : -13.84 km.
station location y : 26.68 km.

stack information:

stack no.	stack height (m)	stack radius (m)	stack exit vel. (m/s)	stack exit temp. (deg c)	annual emission rate (Mg)
1	0.00	0.00	0.00	-999.00	0.206150E+02

source information
source no.: 89
station :
station id : S20
station location x : -22.80 km.
station location y : 26.68 km.

stack information:

stack no.	stack height (m)	stack radius (m)	stack exit vel. (m/s)	stack exit temp. (deg c)	annual emission rate (Mg)
1	0.00	0.00	0.00	-999.00	0.206150E+02

source information
source no.: 90
station :
station id : S21
station location x : -31.75 km.
station location y : 26.68 km.

stack information:

stack no.	stack height (m)	stack radius (m)	stack exit vel. (m/s)	stack exit temp. (deg c)	annual emission rate (Mg)
1	0.00	0.00	0.00	-999.00	0.206150E+02

source information
source no.: 91
station :
station id : S22
station location x : -41.52 km.
station location y : 26.68 km.

stack information:

stack no.	stack height (m)	stack radius (m)	stack exit vel. (m/s)	stack exit temp. (deg c)	annual emission rate (Mg)
1	0.00	0.00	0.00	-999.00	0.206150E+02

source information
source no.: 92
station :
station id : MC1
station location x : -22.84 km.
station location y : 0.00 km.

stack information:

stack no.	stack height (m)	stack radius (m)	stack exit vel. (m/s)	stack exit temp. (deg c)	annual emission rate (Mg)
1	0.00	0.00	0.00	-999.00	0.957460E+02

source information
source no.: 93
station :
station id : MC2
station location x : -22.86 km.
station location y : -8.89 km.

stack information:

stack no.	stack height (m)	stack radius (m)	stack exit vel. (m/s)	stack exit temp. (deg c)	annual emission rate (Mg)
1	0.00	0.00	0.00	-999.00	0.957460E+02

source information
source no.: 94
station :
station id : MC3
station location x : -31.81 km.
station location y : 0.00 km.

stack information:

stack no.	stack height (m)	stack radius (m)	stack exit vel. (m/s)	stack exit temp. (deg c)	annual emission rate (Mg)
1	0.00	0.00	0.00	-999.00	0.957460E+02

source information
source no.: 95
station :
station id : MC4
station location x : -31.83 km.
station location y : -8.89 km.

stack information:

stack no.	stack height (m)	stack radius (m)	stack exit vel. (m/s)	stack exit temp. (deg c)	annual emission rate (Mg)
1	0.00	0.00	0.00	-999.00	0.957460E+02

source information
source no.: 96
station :
station id : MC5
station location x : -31.86 km.
station location y : -17.79 km.

stack information:

stack no.	stack height (m)	stack radius (m)	stack exit vel. (m/s)	stack exit temp. (deg c)	annual emission rate (Mg)
1	0.00	0.00	0.00	-999.00	0.957460E+02

source information
source no.: 97
station :
station id : MC6
station location x : -31.88 km.
station location y : -26.68 km.

stack information:

stack no.	stack height (m)	stack radius (m)	stack exit vel. (m/s)	stack exit temp. (deg c)	annual emission rate (Mg)
1	0.00	0.00	0.00	-999.00	0.718046E+02

source information
source no.: 98
station :
station id : MC7
station location x : -31.90 km.
station location y : -35.58 km.

stack information:

stack no.	stack height (m)	stack radius (m)	stack exit vel. (m/s)	stack exit temp. (deg c)	annual emission rate (Mg)
1	0.00	0.00	0.00	-999.00	0.239380E+02

source information
source no.: 99
station :
station id : MC8
station location x : -40.79 km.
station location y : 0.00 km.

stack information:

stack no.	stack height (m)	stack radius (m)	stack exit vel. (m/s)	stack exit temp. (deg c)	annual emission rate (Mg)
1	0.00	0.00	0.00	-999.00	0.957460E+02

source information
source no.: 100
station :
station id : MC9
station location x : -40.81 km.
station location y : -8.89 km.

stack information:

stack no.	stack height (m)	stack radius (m)	stack exit vel. (m/s)	stack exit temp. (deg c)	annual emission rate (Mg)
1	0.00	0.00	0.00	-999.00	0.957460E+02

source information
source no.: 101
station :
station id : MI0
station location x : -40.84 km.
station location y : -17.79 km.

stack information:

stack no.	stack height (m)	stack radius (m)	stack exit vel. (m/s)	stack exit temp. (deg c)	annual emission rate (Mg)
1	0.00	0.00	0.00	-999.00	0.957460E+02

source information
source no.: 102
station :
station id : MI1
station location x : -40.87 km.
station location y : -26.68 km.

stack information:

stack no.	stack height (m)	stack radius (m)	stack exit vel. (m/s)	stack exit temp. (deg c)	annual emission rate (Mg)
1	0.00	0.00	0.00	-999.00	0.957460E+02

source information
source no.: 103
station :
station id : MI2
station location x : -40.89 km.
station location y : -35.58 km.

stack information:

stack no.	stack height (m)	stack radius (m)	stack exit vel. (m/s)	stack exit temp. (deg c)	annual emission rate (Mg)
1	0.00	0.00	0.00	-999.00	0.957460E+02

A-2. Point and Area Sources of NOx

source information
source no.: 1
station : LAMBTON
station id : 105803
station location x : 0.00 km.
station location y : 0.00 km.

source information
source no.: 2
station : CABOT CARBON
station id : 100040
station location x : 4.89 km.
station location y : 15.56 km.

stack information:

stack no.	stack height (m)	stack radius (m)	stack exit vel. (m/s)	stack exit temp. (deg c)	annual emission rate (Mg)
1	30.48	0.31	8.02	177.00	0.190000E+01
2	30.48	0.38	6.95	232.00	0.690000E+01
3	30.48	0.46	6.55	177.00	0.360000E+01
4	30.48	0.46	6.55	179.00	0.350000E+01
5	30.48	0.25	4.48	149.00	0.111000E+02
6	30.48	0.35	4.57	149.00	0.192000E+02
7	30.48	0.23	8.84	149.00	0.318000E+02
8	30.48	0.46	9.45	482.00	0.120000E+02
9	30.48	0.61	6.71	482.00	0.440000E+01
10	30.48	1.35	6.71	482.00	0.119000E+02
11	33.53	1.35	13.41	871.00	0.244000E+02

source information
source no.: 3
station : CAN INDUSTRIES LTD
station id : 100031
station location x : 1.63 km.
station location y : -4.45 km.

stack information:

stack no.	stack height (m)	stack radius (m)	stack exit vel. (m/s)	stack exit temp. (deg c)	annual emission rate (Mg)
1	30.00	1.00	5.10	353.00	0.441000E+02
2	21.00	1.35	1.20	299.00	0.621000E+02
3	24.00	0.45	25.20	216.00	0.575100E+03

source information
source no.: 4
station : DOME PETROLEUM
station id : 100007
station location x : 18.80 km.
station location y : -25.57 km.

stack information:

stack no.	stack height (m)	stack radius (m)	stack exit vel. (m/s)	stack exit temp. (deg c)	annual emission rate (Mg)
1	21.00	0.61	0.00	259.00	0.481000E+02
2	21.00	0.20	0.00	259.00	0.260000E+01
3	51.00	0.61	0.00	215.00	0.486000E+02
4	21.00	0.19	0.00	298.00	0.240000E+01
5	21.00	0.35	0.00	898.00	0.400000E+01

source information
source no.: 5
station : DOW CHEMICAL
station id : 101708
station location x : 2.44 km.
station location y : 15.56 km.

stack information:

stack no.	stack height (m)	stack radius (m)	stack exit vel. (m/s)	stack exit temp. (deg c)	annual emission rate (Mg)
1	91.50	1.60	0.00	150.00	0.800000E+02
2	91.50	1.60	15.00	150.00	0.800000E+02
3	30.50	2.15	19.00	70.00	0.120000E+03
4	30.50	2.15	22.00	93.00	0.280000E+04

source information
source no.: 6
station : DU PONT CAN INC.
station id : 102102
station location x : 2.45 km.
station location y : 11.12 km.

stack information:

stack no.	stack height (m)	stack radius (m)	stack exit vel. (m/s)	stack exit temp. (deg c)	annual emission rate (Mg)
1	19.81	0.46	16.50	304.00	0.100300E+03
2	30.48	0.45	16.18	293.00	0.580000E+01
3	38.10	0.76	13.40	196.00	0.162000E+02
4	30.48	0.54	19.67	416.00	0.590000E+01
5	30.48	0.54	19.67	416.00	0.270000E+01
6	38.10	0.54	20.39	441.00	0.270000E+01

source information
source no.: 7
station : ETHYL CANADA INC.
station id : 100025
station location x : 4.89 km.
station location y : 11.12 km.

stack information:

stack no.	stack height (m)	stack radius (m)	stack exit vel. (m/s)	stack exit temp. (deg c)	annual emission rate (Mg)
1	45.72	0.25	20.12	54.00	0.101000E+02
2	45.72	0.25	20.12	54.00	0.330000E+01
3	0.00	0.00	0.00	0.00	0.100000E+00

source information
source no.: 8
station : GOODFELLOW ENT LTD
station id : 100044
station location x : 13.86 km.
station location y : 8.89 km.

stack information:

stack no.	stack height (m)	stack radius (m)	stack exit vel. (m/s)	stack exit temp. (deg c)	annual emission rate (Mg)
1	6.00	0.20	13.90	232.00	0.117000E+02
2	9.00	0.20	13.90	232.00	0.152000E+02

source information
source no.: 9
station : IMPERIAL OIL
station id : 101303
station location x : 4.07 km.
station location y : 16.68 km.

stack information:

stack no.	stack height (m)	stack radius (m)	stack exit vel. (m/s)	stack exit temp. (deg c)	annual emission rate (Mg)
1	28.00	0.65	5.40	385.00	0.362880E+04

source information
source no.: 10
station : PETROSAR LTD
station id : 101702
station location x : 1.63 km.
station location y : 11.12 km.

stack information:

stack no.	stack height (m)	stack radius (m)	stack exit vel. (m/s)	stack exit temp. (deg c)	annual emission rate (Mg)
1	61.00	1.40	10.00	168.00	0.276240E+04
2	61.00	0.85	10.00	168.00	0.138120E+04

source information
source no.: 11
station : POLYSAR LTD
station id : 101709
station location x : 3.26 km.
station location y : 16.68 km.

stack information:

stack no.	stack height (m)	stack radius (m)	stack exit vel. (m/s)	stack exit temp. (deg c)	annual emission rate (Mg)
1	91.50	2.82	20.00	170.00	0.103270E+04
2	60.00	0.25	0.25	871.00	0.380000E+01
3	60.00	0.25	0.25	871.00	0.380000E+01
4	54.86	1.37	6.71	316.00	0.581000E+02
5	54.86	1.37	6.71	316.00	0.740000E+01
6	45.72	0.61	12.50	204.00	0.143000E+02
7	45.72	0.61	12.50	204.00	0.340000E+01
8	60.96	0.18	0.50	871.00	0.460000E+01
9	60.96	0.18	0.50	871.00	0.100000E+00
10	61.00	0.31	0.50	871.00	0.142000E+02
11	60.96	0.31	5.00	871.00	0.140600E+03

source information
source no.: 12
station : SHELL CAN (CORUNNA)
station id : 101706
station location x : 1.63 km.
station location y : 11.12 km.

stack information:

stack no.	stack height (m)	stack radius (m)	stack exit vel. (m/s)	stack exit temp. (deg c)	annual emission rate (Mg)
1	39.60	0.60	5.77	316.00	0.100000E+00
2	39.60	0.60	5.77	305.00	0.100000E+00
3	35.60	0.55	6.39	305.00	0.100000E+00
4	30.50	1.05	6.90	400.00	0.300000E+00
5	76.20	1.45	12.38	310.00	0.313900E+03
6	76.20	1.65	13.60	310.00	0.315600E+03
7	30.50	0.60	5.36	489.00	0.100000E+00
8	45.70	1.00	4.50	857.00	0.113800E+03
9	45.70	1.00	9.80	530.00	0.400000E+00
10	45.70	0.70	8.90	482.00	0.200000E+00
11	42.70	0.70	0.30	280.00	0.200000E+00
12	30.50	0.65	6.71	538.00	0.100000E+00
13	12.20	0.50	10.33	500.00	0.100000E+00
14	16.20	0.70	3.42	538.00	0.100000E+00
15	30.50	0.75	0.20	290.00	0.200000E+00
16	45.50	0.50	0.50	251.00	0.200000E+00
17	91.40	1.50	25.95	204.00	0.105170E+04
18	30.50	0.75	0.09	406.00	0.100000E+00

source information
source no.: 13
station : SUNCOR
station id : 101306
station location x : 2.44 km.
station location y : 14.45 km.

stack information:

stack no.	stack height (m)	stack radius (m)	stack exit vel. (m/s)	stack exit temp. (deg c)	annual emission rate (Mg)
1	77.72	1.67	4.93	337.00	0.156200E+03
2	14.02	0.46	4.49	430.00	0.910000E+01
3	18.29	0.61	3.09	297.00	0.603000E+02
4	17.07	0.46	2.82	255.00	0.760000E+01
5	29.26	0.69	2.96	268.00	0.175000E+02
6	30.48	1.07	1.64	332.00	0.918000E+02
7	48.78	0.73	1.96	238.00	0.138000E+02
8	49.38	0.92	3.12	241.00	0.348000E+02
9	46.02	0.65	4.21	243.00	0.380000E+02
10	60.05	1.41	3.80	403.00	0.123000E+03
11	38.10	0.76	6.95	283.00	0.795000E+02
12	30.48	0.76	5.34	456.00	0.466000E+02
13	45.72	0.63	6.45	223.00	0.560000E+02
14	38.10	0.76	8.87	232.00	0.111800E+03
15	38.10	0.65	2.64	306.00	0.212000E+02
16	38.10	0.65	2.58	345.00	0.198000E+02
17	38.10	0.73	2.42	259.00	0.164000E+02
18	38.10	0.73	3.78	269.00	0.251000E+02
19	75.90	1.45	6.62	235.00	0.760000E+01

source information
source no.: 14
station : PCTURE 000
station id : 0008
station location x : 2.44 km.
station location y : 21.13 km.

stack information:

stack no.	stack height (m)	stack radius (m)	stack exit vel. (m/s)	stack exit temp. (deg c)	annual emission rate (Mg)
1	41.15	0.63	26.65	171.00	0.4545000+03

source information
source no.: 15
station : CNT & SCHERNEKAU 003
station id : 0010
station location x : -47.60 km.
station location y : -26.68 km.

stack information:

stack no.	stack height (m)	stack radius (m)	stack exit vel. (m/s)	stack exit temp. (deg c)	annual emission rate (Mg)
1	26.52	0.46	0.00	182.00	0.2180000+02
2	26.52	0.61	0.00	182.00	0.5710000+02

source information
source no.: 16
station : FMT 003
station id : 0025
station location x : -47.39 km.
station location y : -23.35 km.

stack information:

stack no.	stack height (m)	stack radius (m)	stack exit vel. (m/s)	stack exit temp. (deg c)	annual emission rate (Mg)
1	24.38	0.46	31.62	199.00	0.1951000+03
2	24.38	0.76	19.04	199.00	0.2900000+02

source information
source no.: 17
station : PW & PARTS MFG 000
station id : 0012
station location x : 1.63 km.
station location y : 20.01 km.

stack information:

stack no.	stack height (m)	stack radius (m)	stack exit vel. (m/s)	stack exit temp. (deg c)	annual emission rate (Mg)
1	33.53	0.76	7.30	139.00	0.5360000+02

source information
source no.: 18
station : CCR STATION 006
station id : 0021
station location x : -37.95 km.
station location y : -11.13 km.

stack information:

stack no.	stack height (m)	stack radius (m)	stack exit vel. (m/s)	stack exit temp. (deg c)	annual emission rate (Mg)
1	9.14	0.30	19.82	393.00	0.2361000+03

source information
source no.: 19
station : PHILLS FIELD DEV1000
station id : 0009
station location x : -18.74 km.
station location y : 17.79 km.

stack information:

stack no.	stack height (m)	stack radius (m)	stack exit vel. (m/s)	stack exit temp. (deg c)	annual emission rate (Mg)
1	15.54	0.44	23.36	121.00	0.7276000+03

source information
source no.: 20
station : [illegible] 000
station id : 0010
station location x : -18.74 km.
station location y : 17.79 km.

stack information:

stack no.	stack height (m)	stack radius (m)	stack exit vel. (m/s)	stack exit temp. (deg c)	annual emission rate (Mg)
1	19.20	0.54	23.36	100.00	0.454000E+02
2	19.20	0.54	1.91	100.00	0.179400E+03

source information
source no.: 21
station : 0
station id : 0004
station location x : -34.33 km.
station location y : -28.01 km.

stack information:

stack no.	stack height (m)	stack radius (m)	stack exit vel. (m/s)	stack exit temp. (deg c)	annual emission rate (Mg)
1	40.96	1.75	13.21	232.00	0.134100E+03

source information
source no.: 22
station : F4 [illegible] 000
station id : 0014
station location x : -42.41 km.
station location y : 1.11 km.

stack information:

stack no.	stack height (m)	stack radius (m)	stack exit vel. (m/s)	stack exit temp. (deg c)	annual emission rate (Mg)
1	19.20	0.46	21.42	204.00	0.246000E+02
2	8.53	0.31	6.01	31.00	0.209700E+03

source information
source no.: 23
station :
station id : 70
station location x : 2.43 km.
station location y : -37.80 km.

stack information:

stack no.	stack height (m)	stack radius (m)	stack exit vel. (m/s)	stack exit temp. (deg c)	annual emission rate (Mg)
1	0.00	0.00	0.00	-999.00	0.312300E+01

source information
source no.: 24
station :
station id : 71
station location x : 7.36 km.
station location y : -36.69 km.

stack information:

stack no.	stack height (m)	stack radius (m)	stack exit vel. (m/s)	stack exit temp. (deg c)	annual emission rate (Mg)
1	0.00	0.00	0.00	-999.00	0.624190E+01

source information
source no.: 25
station :
station id : 72
station location x : 2.45 km.
station location y : -32.34 km.

stack information:

stack no.	stack height (m)	stack radius (m)	stack exit vel. (m/s)	stack exit temp. (deg c)	annual emission rate (Mg)
1	0.00	0.00	0.00	-999.00	0.537300E+01

source information
source no.: 26
station :
station id : 79
station location x : 7.36 km.
station location y : -32.24 km.

stack information:

stack no.	stack height (m)	stack radius (m)	stack exit vel. (m/s)	stack exit temp. (deg c)	annual emission rate (Mg)
1	0.00	0.00	0.00	-999.00	0.8261909E+01

source information
source no.: 27
station :
station id : 80
station location x : -2.45 km.
station location y : -27.79 km.

stack information:

stack no.	stack height (m)	stack radius (m)	stack exit vel. (m/s)	stack exit temp. (deg c)	annual emission rate (Mg)
1	0.00	0.00	0.00	-999.00	0.3000000E+02

source information
source no.: 28
station :
station id : 81
station location x : 2.45 km.
station location y : -27.79 km.

stack information:

stack no.	stack height (m)	stack radius (m)	stack exit vel. (m/s)	stack exit temp. (deg c)	annual emission rate (Mg)
1	0.00	0.00	0.00	-999.00	0.1612903E+02

source information
source no.: 29
station :
station id : 82
station location x : 7.36 km.
station location y : -36.68 km.

stack information:

stack no.	stack height (m)	stack radius (m)	stack exit vel. (m/s)	stack exit temp. (deg c)	annual emission rate (Mg)
1	0.00	0.00	0.00	-999.00	0.8260000E+01

source information
source no.: 30
station :
station id : 83
station location x : -2.45 km.
station location y : -32.24 km.

stack information:

stack no.	stack height (m)	stack radius (m)	stack exit vel. (m/s)	stack exit temp. (deg c)	annual emission rate (Mg)
1	0.00	0.00	0.00	-999.00	0.3272000E+01

source information
source no.: 31
station :
station id : 84
station location x : 2.45 km.
station location y : -32.24 km.

stack information:

stack no.	stack height (m)	stack radius (m)	stack exit vel. (m/s)	stack exit temp. (deg c)	annual emission rate (Mg)
1	0.00	0.00	0.00	-999.00	0.1134930E+03

source information
source no.: 32
station :
station id : 93
station location x : 7.59 km.
station location y : -22.36 km.

stack information:

stack no.	stack height (m)	stack radius (m)	stack exit vel. (m/s)	stack exit temp. (deg c)	annual emission rate (Mg)
1	0.00	0.00	0.00	-999.00	0.426268E+03

source information
source no.: 33
station :
station id : 97
station location x : -2.40 km.
station location y : -17.70 km.

stack information:

stack no.	stack height (m)	stack radius (m)	stack exit vel. (m/s)	stack exit temp. (deg c)	annual emission rate (Mg)
1	0.00	0.00	0.00	-999.00	0.712700E+01

source information
source no.: 34
station :
station id : 98
station location x : 3.60 km.
station location y : -17.70 km.

stack information:

stack no.	stack height (m)	stack radius (m)	stack exit vel. (m/s)	stack exit temp. (deg c)	annual emission rate (Mg)
1	0.00	0.00	0.00	-999.00	0.707900E+01

source information
source no.: 35
station :
station id : 99
station location x : 7.35 km.
station location y : -18.68 km.

stack information:

stack no.	stack height (m)	stack radius (m)	stack exit vel. (m/s)	stack exit temp. (deg c)	annual emission rate (Mg)
1	0.00	0.00	0.00	-999.00	0.707900E+01

source information
source no.: 36
station :
station id : 110
station location x : -1.27 km.
station location y : -13.39 km.

stack information:

stack no.	stack height (m)	stack radius (m)	stack exit vel. (m/s)	stack exit temp. (deg c)	annual emission rate (Mg)
1	0.00	0.00	0.00	-999.00	0.106960E+02

source information
source no.: 37
station :
station id : 105
station location x : 2.65 km.
station location y : -13.33 km.

stack information:

stack no.	stack height (m)	stack radius (m)	stack exit vel. (m/s)	stack exit temp. (deg c)	annual emission rate (Mg)
1	0.00	0.00	0.00	-999.00	0.808500E+01

source information
source no.: 38
station :
station id : 116
station location x : 7.35 km.
station location y : -12.23 km.

stack information:

stack no.	stack height (m)	stack radius (m)	stack exit vel. (m/s)	stack exit temp. (deg c)	annual emission rate (Mg)
1	0.00	0.00	0.00	-999.00	0.8085008+01

source information
source no.: 39
station :
station id : 120
station location x : 1.63 km.
station location y : -7.78 km.

stack information:

stack no.	stack height (m)	stack radius (m)	stack exit vel. (m/s)	stack exit temp. (deg c)	annual emission rate (Mg)
1	0.00	0.00	0.00	-999.00	0.9303008+01

source information
source no.: 40
station :
station id : 121
station location x : 7.35 km.
station location y : -6.67 km.

stack information:

stack no.	stack height (m)	stack radius (m)	stack exit vel. (m/s)	stack exit temp. (deg c)	annual emission rate (Mg)
1	0.00	0.00	0.00	-999.00	0.9103008+01

source information
source no.: 41
station :
station id : 138
station location x : 1.63 km.
station location y : -2.22 km.

stack information:

stack no.	stack height (m)	stack radius (m)	stack exit vel. (m/s)	stack exit temp. (deg c)	annual emission rate (Mg)
1	0.00	0.00	0.00	-999.00	0.1767308+02

source information
source no.: 42
station :
station id : 139
station location x : 6.93 km.
station location y : -2.22 km.

stack information:

stack no.	stack height (m)	stack radius (m)	stack exit vel. (m/s)	stack exit temp. (deg c)	annual emission rate (Mg)
1	0.00	0.00	0.00	-999.00	0.1747308+02

source information
source no.: 43
station :
station id : 143
station location x : 1.63 km.
station location y : 3.22 km.

stack information:

stack no.	stack height (m)	stack radius (m)	stack exit vel. (m/s)	stack exit temp. (deg c)	annual emission rate (Mg)
1	0.00	0.00	0.00	-999.00	0.7618408+01

source information
source no.: 44
station :
station id : 144
station location x : 6.52 km.
station location y : 3.34 km.

stack information:

stack no.	stack height (m)	stack radius (m)	stack exit vel. (m/s)	stack exit temp. (deg c)	annual emission rate (Mg)
1	0.00	0.00	0.00	-999.00	0.1992708+02

source information
source no.: 45
station :
station id : 163
station location x : 1.63 km.
station location y : 7.78 km.

stack information:

stack no.	stack height (m)	stack radius (m)	stack exit vel. (m/s)	stack exit temp. (deg c)	annual emission rate (Mg)
1	0.00	0.00	0.00	-999.00	0.1767308+02

source information
source no.: 46
station :
station id : 164
station location x : 6.52 km.
station location y : 7.78 km.

stack information:

stack no.	stack height (m)	stack radius (m)	stack exit vel. (m/s)	stack exit temp. (deg c)	annual emission rate (Mg)
1	0.00	0.00	0.00	-999.00	0.1992708+02

source information
source no.: 47
station :
station id : 165
station location x : 11.41 km.
station location y : 7.78 km.

stack information:

stack no.	stack height (m)	stack radius (m)	stack exit vel. (m/s)	stack exit temp. (deg c)	annual emission rate (Mg)
1	0.00	0.00	0.00	-999.00	0.1232058+03

source information
source no.: 48
station :
station id : 168
station location x : 1.63 km.
station location y : 12.23 km.

stack information:

stack no.	stack height (m)	stack radius (m)	stack exit vel. (m/s)	stack exit temp. (deg c)	annual emission rate (Mg)
1	0.00	0.00	0.00	-999.00	0.7217008+02

source information
source no.: 49
station :
station id : 169
station location x : 6.52 km.
station location y : 13.34 km.

stack information:

stack no.	stack height (m)	stack radius (m)	stack exit vel. (m/s)	stack exit temp. (deg c)	annual emission rate (Mg)
1	0.00	0.00	0.00	-999.00	0.5034208+02

source information
source no.: 50
station :
station id : 197
station location x : 1.63 km.
station location y : 17.79 km.

stack information:

stack no.	stack height (m)	stack radius (m)	stack exit vel. (m/s)	stack exit temp. (deg c)	annual emission rate (Mg)
1	0.00	0.00	0.00	-999.00	0.7961608+02

source information
source no.: 51
station :
station id : 198
station location x : 6.52 km.
station location y : 17.79 km.

stack information:

stack no.	stack height (m)	stack radius (m)	stack exit vel. (m/s)	stack exit temp. (deg c)	annual emission rate (Mg)
1	0.00	0.00	0.00	-999.00	0.7047828+03

source information
source no.: 52
station :
station id : 199
station location x : 12.22 km.
station location y : 20.01 km.

stack information:

stack no.	stack height (m)	stack radius (m)	stack exit vel. (m/s)	stack exit temp. (deg c)	annual emission rate (Mg)
1	0.00	0.00	0.00	-999.00	0.3329258+03

source information
source no.: 53
station :
station id : 74
station location x : 13.08 km.
station location y : -30.02 km.

stack information:

stack no.	stack height (m)	stack radius (m)	stack exit vel. (m/s)	stack exit temp. (deg c)	annual emission rate (Mg)
1	0.00	0.00	0.00	-999.00	0.3371208+02

source information
source no.: 54
station :
station id : 75
station location x : 22.09 km.
station location y : -30.02 km.

stack information:

stack no.	stack height (m)	stack radius (m)	stack exit vel. (m/s)	stack exit temp. (deg c)	annual emission rate (Mg)
1	0.00	0.00	0.00	-999.00	0.3913708+03

source information
source no.: 55
station :
station id : 76
station location x : 31.70 km.
station location y : -30.01 km.

stack information:

stack no.	stack height (m)	stack radius (m)	stack exit vel. (m/s)	stack exit temp. (deg c)	annual emission rate (Mg)
1	0.00	0.00	0.00	-999.00	0.3134198+03

source information
source no.: 56
station :
station id : 94
station location x : 13.07 km.
station location y : -20.01 km.

stack information:

stack no.	stack height (m)	stack radius (m)	stack exit vel. (m/s)	stack exit temp. (deg c)	annual emission rate (Mg)
1	0.00	0.00	0.00	-999.00	0.335530E+02

source information
source no.: 57
station :
station id : 95
station location x : 22.87 km.
station location y : -20.01 km.

stack information:

stack no.	stack height (m)	stack radius (m)	stack exit vel. (m/s)	stack exit temp. (deg c)	annual emission rate (Mg)
1	0.00	0.00	0.00	-999.00	0.300686E+03

source information
source no.: 58
station :
station id : 96
station location x : 32.68 km.
station location y : -20.01 km.

stack information:

stack no.	stack height (m)	stack radius (m)	stack exit vel. (m/s)	stack exit temp. (deg c)	annual emission rate (Mg)
1	0.00	0.00	0.00	-999.00	0.232430E+02

source information
source no.: 59
station :
station id : 117
station location x : 13.06 km.
station location y : -10.01 km.

stack information:

stack no.	stack height (m)	stack radius (m)	stack exit vel. (m/s)	stack exit temp. (deg c)	annual emission rate (Mg)
1	0.00	0.00	0.00	-999.00	0.337750E+02

source information
source no.: 60
station :
station id : 118
station location x : 22.86 km.
station location y : -10.01 km.

stack information:

stack no.	stack height (m)	stack radius (m)	stack exit vel. (m/s)	stack exit temp. (deg c)	annual emission rate (Mg)
1	0.00	0.00	0.00	-999.00	0.132990E+02

source information
source no.: 61
station :
station id : 119
station location x : 32.65 km.
station location y : -10.01 km.

stack information:

stack no.	stack height (m)	stack radius (m)	stack exit vel. (m/s)	stack exit temp. (deg c)	annual emission rate (Mg)
1	0.00	0.00	0.00	-999.00	0.147120E+02

source information
source no.: 62
station :
station id : 140
station location x : 13.05 km.
station location y : 0.00 km.

stack information:

stack no.	stack height (m)	stack radius (m)	stack exit vel. (m/s)	stack exit temp. (deg c)	annual emission rate (Mg)
1	0.00	0.00	0.00	-999.00	0.759100E+02

source information
source no.: 63
station :
station id : 141
station location x : 22.84 km.
station location y : 0.00 km.

stack information:

stack no.	stack height (m)	stack radius (m)	stack exit vel. (m/s)	stack exit temp. (deg c)	annual emission rate (Mg)
1	0.00	0.00	0.00	-999.00	0.378700E+02

source information
source no.: 64
station :
station id : 142
station location x : 32.63 km.
station location y : 0.00 km.

stack information:

stack no.	stack height (m)	stack radius (m)	stack exit vel. (m/s)	stack exit temp. (deg c)	annual emission rate (Mg)
1	0.00	0.00	0.00	-999.00	0.183920E+02

source information
source no.: 65
station :
station id : 166
station location x : 22.82 km.
station location y : 10.01 km.

stack information:

stack no.	stack height (m)	stack radius (m)	stack exit vel. (m/s)	stack exit temp. (deg c)	annual emission rate (Mg)
1	0.00	0.00	0.00	-999.00	0.252621E+03

source information
source no.: 66
station :
station id : 167
station location x : 32.61 km.
station location y : 10.01 km.

stack information:

stack no.	stack height (m)	stack radius (m)	stack exit vel. (m/s)	stack exit temp. (deg c)	annual emission rate (Mg)
1	0.00	0.00	0.00	-999.00	0.650020E+02

source information
source no.: 67
station :
station id : 200
station location x : 21.99 km.
station location y : 20.01 km.

stack information:

stack no.	stack height (m)	stack radius (m)	stack exit vel. (m/s)	stack exit temp. (deg c)	annual emission rate (Mg)
1	0.00	0.00	0.00	-999.00	0.218409E+03

source information
source no.: 68
station :
station id : 201
station location x : 32.58 km.
station location y : 20.01 km.

stack information:

stack no.	stack height (m)	stack radius (m)	stack exit vel. (m/s)	stack exit temp. (deg c)	annual emission rate (Mg)
1	0.00	0.00	0.00	-999.00	0.133316E+03

source information
source no.: 69
station :
station id : 202
station location x : 1.63 km.
station location y : 22.24 km.

stack information:

stack no.	stack height (m)	stack radius (m)	stack exit vel. (m/s)	stack exit temp. (deg c)	annual emission rate (Mg)
1	0.00	0.00	0.00	-999.00	0.239003E+03

source information
source no.: 70
station :
station id : 203
station location x : 6.52 km.
station location y : 23.35 km.

stack information:

stack no.	stack height (m)	stack radius (m)	stack exit vel. (m/s)	stack exit temp. (deg c)	annual emission rate (Mg)
1	0.00	0.00	0.00	-999.00	0.835241E+03

source information
source no.: 71
station :
station id : 228
station location x : 21.98 km.
station location y : 30.02 km.

stack information:

stack no.	stack height (m)	stack radius (m)	stack exit vel. (m/s)	stack exit temp. (deg c)	annual emission rate (Mg)
1	0.00	0.00	0.00	-999.00	0.138010E+02

source information
source no.: 72
station :
station id : 229
station location x : 32.56 km.
station location y : 30.02 km.

stack information:

stack no.	stack height (m)	stack radius (m)	stack exit vel. (m/s)	stack exit temp. (deg c)	annual emission rate (Mg)
1	0.00	0.00	0.00	-999.00	0.257735E+03

source information
source no.: 73
station :
station id : BC1
station location x : -4.89 km.
station location y : 8.89 km.

stack information:

stack no.	stack height (m)	stack radius (m)	stack exit vel. (m/s)	stack exit temp. (deg c)	annual emission rate (Mg)
1	0.00	0.00	0.00	-999.00	0.240629E+03

source information
source no.: 74
station :
station id : BC2
station location x : -4.89 km.
station location y : 17.79 km.

stack information:

stack no.	stack height (m)	stack radius (m)	stack exit vel. (m/s)	stack exit temp. (deg c)	annual emission rate (Mg)
1	0.00	0.00	0.00	-999.00	0.240629E+03

source information
source no.: 75
station :
station id : BC3
station location x : -4.89 km.
station location y : 0.00 km.

stack information:

stack no.	stack height (m)	stack radius (m)	stack exit vel. (m/s)	stack exit temp. (deg c)	annual emission rate (Mg)
1	0.00	0.00	0.00	-999.00	0.240629E+03

source information
source no.: 76
station :
station id : BC4
station location x : -4.90 km.
station location y : -8.89 km.

stack information:

stack no.	stack height (m)	stack radius (m)	stack exit vel. (m/s)	stack exit temp. (deg c)	annual emission rate (Mg)
1	0.00	0.00	0.00	-999.00	0.240629E+03

source information
source no.: 77
station :
station id : BC5
station location x : -4.90 km.
station location y : -17.79 km.

stack information:

stack no.	stack height (m)	stack radius (m)	stack exit vel. (m/s)	stack exit temp. (deg c)	annual emission rate (Mg)
1	0.00	0.00	0.00	-999.00	0.120317E+03

source information
source no.: 78
station :
station id : BC6
station location x : -4.90 km.
station location y : -26.68 km.

stack information:

stack no.	stack height (m)	stack radius (m)	stack exit vel. (m/s)	stack exit temp. (deg c)	annual emission rate (Mg)
1	0.00	0.00	0.00	-999.00	0.601570E+02

source information
source no.: 79
station :
station id : BC7
station location x : -13.86 km.
station location y : 8.89 km.

stack information:

stack no.	stack height (m)	stack radius (m)	stack exit vel. (m/s)	stack exit temp. (deg c)	annual emission rate (Mg)
1	0.00	0.00	0.00	-999.00	0.240629E+03

source information
source no.: 80
station :
station id : SC8
station location x : -13.85 km.
station location y : 17.79 km.

stack information:

stack no.	stack height (m)	stack radius (m)	stack exit vel. (m/s)	stack exit temp. (deg c)	annual emission rate (Mg)
1	0.00	0.00	0.00	-999.00	0.240629E+03

source information
source no.: 81
station :
station id : SC9
station location x : -13.87 km.
station location y : 0.00 km.

stack information:

stack no.	stack height (m)	stack radius (m)	stack exit vel. (m/s)	stack exit temp. (deg c)	annual emission rate (Mg)
1	0.00	0.00	0.00	-999.00	0.240629E+03

source information
source no.: 82
station :
station id : S10
station location x : -13.88 km.
station location y : -8.89 km.

stack information:

stack no.	stack height (m)	stack radius (m)	stack exit vel. (m/s)	stack exit temp. (deg c)	annual emission rate (Mg)
1	0.00	0.00	0.00	-999.00	0.120317E+03

source information
source no.: 83
station :
station id : S11
station location x : -13.89 km.
station location y : -17.79 km.

stack information:

stack no.	stack height (m)	stack radius (m)	stack exit vel. (m/s)	stack exit temp. (deg c)	annual emission rate (Mg)
1	0.00	0.00	0.00	-999.00	0.601570E+02

source information
source no.: 84
station :
station id : S12
station location x : -22.83 km.
station location y : 8.89 km.

stack information:

stack no.	stack height (m)	stack radius (m)	stack exit vel. (m/s)	stack exit temp. (deg c)	annual emission rate (Mg)
1	0.00	0.00	0.00	-999.00	0.240485E+03

source information
source no.: 85
station :
station id : S13
station location x : -22.81 km.
station location y : 17.79 km.

stack information:

stack no.	stack height (m)	stack radius (m)	stack exit vel. (m/s)	stack exit temp. (deg c)	annual emission rate (Mg)
1	0.00	0.00	0.00	-999.00	0.240773E+03

source information
source no.: 86
station :
station id : S14
station location x : -31.79 km.
station location y : 8.89 km.

stack information:

stack no.	stack height (m)	stack radius (m)	stack exit vel. (m/s)	stack exit temp. (deg c)	annual emission rate (Mg)
1	0.00	0.00	0.00	-999.00	0.240629E+03

source information
source no.: 87
station :
station id : S15
station location x : -31.77 km.
station location y : 17.79 km.

stack information:

stack no.	stack height (m)	stack radius (m)	stack exit vel. (m/s)	stack exit temp. (deg c)	annual emission rate (Mg)
1	0.00	0.00	0.00	-999.00	0.240629E+03

source information
source no.: 88
station :
station id : S16
station location x : -40.76 km.
station location y : 8.89 km.

stack information:

stack no.	stack height (m)	stack radius (m)	stack exit vel. (m/s)	stack exit temp. (deg c)	annual emission rate (Mg)
1	0.00	0.00	0.00	-999.00	0.240629E+03

source information
source no.: 89
station :
station id : S17
station location x : -40.73 km.
station location y : 17.79 km.

stack information:

stack no.	stack height (m)	stack radius (m)	stack exit vel. (m/s)	stack exit temp. (deg c)	annual emission rate (Mg)
1	0.00	0.00	0.00	-999.00	0.240629E+03

source information
source no.: 90
station :
station id : S18
station location x : -4.88 km.
station location y : 26.68 km.

stack information:

stack no.	stack height (m)	stack radius (m)	stack exit vel. (m/s)	stack exit temp. (deg c)	annual emission rate (Mg)
1	0.00	0.00	0.00	-999.00	0.240629E+03

source information
source no.: 91
station :
station id : S19
station location x : -13.84 km.
station location y : 26.68 km.

stack information:

stack no.	stack height (m)	stack radius (m)	stack exit vel. (m/s)	stack exit temp. (deg c)	annual emission rate (Mg)
1	0.00	0.00	0.00	-999.00	0.240629E+03

source information
source no.: 92
station :
station id : S20
station location x : -22.80 km.
station location y : 26.68 km.

stack information:

stack no.	stack height (m)	stack radius (m)	stack exit vel. (m/s)	stack exit temp. (deg c)	annual emission rate (Mg)
1	0.00	0.00	0.00	-999.00	0.240629E+03

source information
source no.: 93
station :
station id : S21
station location x : -31.75 km.
station location y : 26.68 km.

stack information:

stack no.	stack height (m)	stack radius (m)	stack exit vel. (m/s)	stack exit temp. (deg c)	annual emission rate (Mg)
1	0.00	0.00	0.00	-999.00	0.240629E+03

source information
source no.: 94
station :
station id : S22
station location x : -41.52 km.
station location y : 26.68 km.

stack information:

stack no.	stack height (m)	stack radius (m)	stack exit vel. (m/s)	stack exit temp. (deg c)	annual emission rate (Mg)
1	0.00	0.00	0.00	-999.00	0.240629E+03

source information
source no.: 95
station :
station id : MC1
station location x : -22.84 km.
station location y : 0.00 km.

stack information:

stack no.	stack height (m)	stack radius (m)	stack exit vel. (m/s)	stack exit temp. (deg c)	annual emission rate (Mg)
1	0.00	0.00	0.00	-999.00	0.111242E+04

source information
source no.: 96
station :
station id : MC2
station location x : -22.86 km.
station location y : -8.89 km.

stack information:

stack no.	stack height (m)	stack radius (m)	stack exit vel. (m/s)	stack exit temp. (deg c)	annual emission rate (Mg)
1	0.00	0.00	0.00	-999.00	0.111242E+04

source information
source no.: 97
station :
station id : MC3
station location x : -31.81 km.
station location y : 0.00 km.

stack information:

stack no.	stack height (m)	stack radius (m)	stack exit vel. (m/s)	stack exit temp. (deg c)	annual emission rate (Mg)
1	0.00	0.00	0.00	-999.00	0.111242E+04

source information
source no.: 98
station :
station id : MC4
station location x : -31.83 km.
station location y : -4.89 km.

stack information:

stack no.	stack height (m)	stack radius (m)	stack exit vel. (m/s)	stack exit temp. (deg c)	annual emission rate (Mg)
1	0.00	0.00	0.00	-999.00	0.1112428+04

source information
source no.: 99
station :
station id : MC5
station location x : -31.86 km.
station location y : -17.79 km.

stack information:

stack no.	stack height (m)	stack radius (m)	stack exit vel. (m/s)	stack exit temp. (deg c)	annual emission rate (Mg)
1	0.00	0.00	0.00	-999.00	0.1112428+04

source information
source no.: 100
station :
station id : MC6
station location x : -31.90 km.
station location y : -26.68 km.

stack information:

stack no.	stack height (m)	stack radius (m)	stack exit vel. (m/s)	stack exit temp. (deg c)	annual emission rate (Mg)
1	0.00	0.00	0.00	-999.00	0.8343128+03

source information
source no.: 101
station :
station id : MC7
station location x : -31.90 km.
station location y : -35.58 km.

stack information:

stack no.	stack height (m)	stack radius (m)	stack exit vel. (m/s)	stack exit temp. (deg c)	annual emission rate (Mg)
1	0.00	0.00	0.00	-999.00	0.2781038+03

source information
source no.: 102
station :
station id : MC8
station location x : -40.79 km.
station location y : 0.00 km.

stack information:

stack no.	stack height (m)	stack radius (m)	stack exit vel. (m/s)	stack exit temp. (deg c)	annual emission rate (Mg)
1	0.00	0.00	0.00	-999.00	0.1112428+04

source information
source no.: 103
station :
station id : MC9
station location x : -40.81 km.
station location y : -4.89 km.

stack information:

stack no.	stack height (m)	stack radius (m)	stack exit vel. (m/s)	stack exit temp. (deg c)	annual emission rate (Mg)
1	0.00	0.00	0.00	-999.00	0.1112428+04

source information
source no.: 104
station :
station id : MS0
station location x : -40.84 km.
station location y : -17.79 km.

stack information:

stack no.	stack height (m)	stack radius (m)	stack exit vel. (m/s)	stack exit temp. (deg c)	annual emission rate (Hg)
1	0.00	0.00	0.00	-999.00	0.1113428+04

source information
source no.: 105
station :
station id : MS1
station location x : +40.87 km.
station location y : +26.88 km.

stack information:

stack no.	stack height (m)	stack radius (m)	stack exit vel. (m/s)	stack exit temp. (deg c)	annual emission rate (Hg)
1	0.00	0.00	0.00	-999.00	0.1113428+04

source information
source no.: 106
station :
station id : MS2
station location x : -40.89 km.
station location y : -95.58 km.

stack information:

stack no.	stack height (m)	stack radius (m)	stack exit vel. (m/s)	stack exit temp. (deg c)	annual emission rate (Hg)
1	0.00	0.00	0.00	-999.00	0.1113428+04

APPENDIX B

Comparison Between Ontario Hydro's Code and OME's June 1988 Version

B-1. Results from OH's Code for Surface Release with Building Wake

yr	mth	dy	hr	conc (ug/m3)	x (m)	y (m)
89	1	1	1	0.1418E+02	0.5000E+03	-0.5000E+03
89	1	1	2	0.9398E+01	0.5000E+03	-0.4000E+03
89	1	1	3	0.1210E+02	0.5000E+03	-0.5000E+03
89	1	1	4	0.1138E+02	0.5000E+03	-0.5000E+03
89	1	1	5	0.9418E+01	0.4000E+03	-0.5000E+03
89	1	1	6	0.1398E+02	0.5000E+03	-0.5000E+03
89	1	1	7	0.1528E+02	0.5000E+03	-0.5000E+03
89	1	1	8	0.1418E+02	0.5000E+03	-0.4000E+03
89	1	1	9	0.1598E+02	0.5000E+03	-0.4000E+03
89	1	1	10	0.1278E+02	0.5000E+03	-0.4000E+03
89	1	1	11	0.1158E+02	0.4000E+03	-0.5000E+03
89	1	1	12	0.1568E+02	0.4000E+03	-0.5000E+03
89	1	1	13	0.1228E+02	0.5000E+03	-0.3000E+03
89	1	1	14	0.1278E+02	0.5000E+03	-0.3000E+03
89	1	1	15	0.1278E+02	0.5000E+03	-0.2000E+03
89	1	1	16	0.1628E+02	0.5000E+03	-0.2000E+03
89	1	1	17	0.2978E+02	0.5000E+03	-0.2000E+03
89	1	1	18	0.3628E+02	0.5000E+03	-0.3000E+03
89	1	1	19	0.2598E+02	0.5000E+03	-0.3000E+03
89	1	1	20	0.6978E+02	0.5000E+03	-0.3000E+03
89	1	1	21	0.6138E+02	0.5000E+03	-0.2000E+03
89	1	1	22	0.1608E+03	0.5000E+03	-0.3000E+03
89	1	1	23	0.1608E+03	0.5000E+03	-0.3000E+03
89	1	1	24	0.2648E+03	0.5000E+03	-0.3000E+03
89	2	2	1	0.1838E+02	0.4000E+03	-0.5000E+03
89	2	2	2	0.2078E+02	0.4000E+03	-0.5000E+03
89	2	2	3	0.2078E+02	0.4000E+03	-0.5000E+03
89	2	2	4	0.2198E+02	0.5000E+03	-0.5000E+03
89	2	2	5	0.2498E+02	0.5000E+03	-0.5000E+03
89	2	2	6	0.2568E+02	0.5000E+03	-0.5000E+03
89	2	2	7	0.2458E+02	0.5000E+03	-0.5000E+03
89	2	2	8	0.2728E+02	0.5000E+03	-0.5000E+03
89	2	2	9	0.2598E+02	0.5000E+03	-0.5000E+03
89	2	2	10	0.2308E+02	0.5000E+03	-0.5000E+03
89	2	2	11	0.2098E+02	0.5000E+03	-0.5000E+03
89	2	2	12	0.1748E+02	0.5000E+03	-0.5000E+03
89	2	2	13	0.1598E+02	0.5000E+03	-0.5000E+03
89	2	2	14	0.1488E+02	0.4000E+03	-0.5000E+03
89	2	2	15	0.1428E+02	0.4000E+03	-0.5000E+03
89	2	2	16	0.1298E+02	0.5000E+03	-0.4000E+03
89	2	2	17	0.1498E+02	0.5000E+03	-0.3000E+03
89	2	2	18	0.1708E+02	0.5000E+03	-0.3000E+03
89	2	2	19	0.2118E+02	0.5000E+03	-0.2000E+03
89	2	2	20	0.5498E+02	0.5000E+03	-0.2000E+03
89	2	2	21	0.4628E+02	0.5000E+03	-0.1000E+03
89	2	2	22	0.7178E+02	0.5000E+03	-0.1000E+03
89	2	2	23	0.7178E+02	0.5000E+03	-0.1000E+03
89	2	2	24	0.9778E+02	0.5000E+03	0.0000E+00
89	2	3	1	0.5498E+02	0.5000E+03	0.1000E+03
89	2	3	2	0.9178E+02	0.5000E+03	0.1000E+03
89	2	3	3	0.9478E+02	0.5000E+03	-0.1000E+03
89	2	3	4	0.6898E+02	0.5000E+03	0.0000E+00
89	2	3	5	0.6898E+02	0.5000E+03	0.0000E+00
89	2	3	6	0.9278E+02	0.5000E+03	-0.1000E+03
89	2	3	7	0.9478E+02	0.5000E+03	-0.1000E+03
89	2	3	8	0.9418E+02	0.5000E+03	0.1000E+03
89	2	3	9	0.4818E+02	0.5000E+03	0.4000E+03
89	2	3	10	0.3298E+02	0.5000E+03	0.4000E+03
89	2	3	11	0.1198E+02	0.4000E+03	0.5000E+03
89	2	3	12	0.1628E+02	0.4000E+03	0.5000E+03
89	2	3	13	0.1568E+02	0.4000E+03	0.5000E+03
89	2	3	14	0.1338E+02	0.4000E+03	0.5000E+03
89	2	3	15	0.1638E+02	0.5000E+03	0.5000E+03
89	2	3	16	0.1738E+02	0.5000E+03	0.5000E+03
89	2	3	17	0.1398E+02	0.5000E+03	0.5000E+03
89	2	3	18	0.1628E+02	0.5000E+03	0.5000E+03
89	2	3	19	0.1778E+02	0.5000E+03	0.5000E+03
89	2	3	20	0.1408E+02	0.4000E+03	0.5000E+03
89	2	3	21	0.1068E+02	0.4000E+03	0.5000E+03
89	2	3	22	0.1408E+02	0.5000E+03	0.5000E+03
89	2	3	23	0.1778E+02	0.5000E+03	0.5000E+03
89	2	3	24	0.2538E+02	0.5000E+03	0.4000E+03
89	2	4	1	0.3668E+02	0.5000E+03	0.3000E+03
89	2	4	2	0.4278E+02	0.5000E+03	0.2000E+03
89	2	4	3	0.5238E+02	0.5000E+03	0.1000E+03
89	2	4	4	0.5998E+02	0.5000E+03	0.0000E+00
89	2	4	5	0.7268E+02	0.5000E+03	0.0000E+00
89	2	4	6	0.9278E+02	0.5000E+03	-0.1000E+03
89	2	4	7	0.1778E+03	0.5000E+03	0.0000E+00
89	2	4	8	0.1678E+03	0.5000E+03	0.0000E+00

```
85  2  4  9  0.212E+03  0.500E+03 -0.100E+03
85  2  4 10  0.208E+03  0.500E+03 -0.100E+03
85  2  4 11  0.963E+02  0.500E+03 -0.100E+03
85  2  4 12  0.163E+03  0.500E+03  0.200E+03
85  2  4 13  0.531E+02  0.500E+03  0.200E+03
85  2  4 14  0.679E+02  0.500E+03  0.200E+03
85  2  4 15  0.212E+03  0.500E+03  0.200E+03
85  2  4 16  0.232E+03  0.500E+03  0.200E+03
85  2  4 17  0.713E+02  0.100E+03  0.500E+03
85  2  4 18  0.281E+02 -0.100E+03  0.500E+03
85  2  4 19  0.214E+02 -0.100E+03  0.500E+03
85  2  4 20  0.358E+02  0.000E+00  0.500E+03
85  2  4 21  0.249E+02  0.100E+03  0.500E+03
85  2  4 22  0.352E+02  0.100E+03  0.500E+03
85  2  4 23  0.333E+02 -0.100E+03  0.500E+03
85  2  4 24  0.164E+02 -0.400E+03  0.500E+03
85  2  5  1  0.202E+02 -0.500E+03  0.300E+03
85  2  5  2  0.314E+02 -0.500E+03  0.100E+03
85  2  5  3  0.322E+02 -0.500E+03  0.000E+00
85  2  5  4  0.240E+02 -0.500E+03  0.000E+00
85  2  5  5  0.240E+02 -0.500E+03  0.000E+00
85  2  5  6  0.276E+02 -0.500E+03  0.000E+00
85  2  5  7  0.185E+02 -0.500E+03 -0.100E+03
85  2  5  8  0.149E+02 -0.500E+03 -0.100E+03
85  2  5  9  0.111E+02 -0.500E+03 -0.100E+03
85  2  5 10  0.187E+02 -0.500E+03  0.000E+00
85  2  5 11  0.166E+02 -0.500E+03 -0.100E+03
85  2  5 12  0.140E+02 -0.500E+03 -0.100E+03
85  2  5 13  0.173E+02 -0.500E+03 -0.100E+03
85  2  5 14  0.147E+02 -0.500E+03 -0.200E+03
85  2  5 15  0.157E+02 -0.500E+03 -0.200E+03
85  2  5 16  0.163E+02 -0.500E+03 -0.200E+03
85  2  5 17  0.166E+02 -0.500E+03 -0.300E+03
85  2  5 18  0.174E+02 -0.500E+03 -0.400E+03
85  2  5 19  0.188E+02 -0.500E+03 -0.300E+03
85  2  5 20  0.174E+02 -0.500E+03 -0.300E+03
85  2  5 21  0.185E+02 -0.500E+03 -0.500E+03
85  2  5 22  0.170E+02 -0.500E+03 -0.500E+03
85  2  5 23  0.255E+02 -0.500E+03 -0.500E+03
85  2  5 24  0.355E+02 -0.300E+03 -0.500E+03
85  2  6  1  0.407E+02 -0.100E+03 -0.500E+03
85  2  6  2  0.929E+02 -0.200E+03 -0.500E+03
85  2  6  3  0.499E+02 -0.200E+03 -0.500E+03
85  2  6  4  0.414E+02 -0.300E+03 -0.500E+03
85  2  6  5  0.355E+02 -0.400E+03 -0.500E+03
85  2  6  6  0.377E+02 -0.500E+03 -0.500E+03
85  2  6  7  0.376E+02 -0.300E+03 -0.500E+03
85  2  6  8  0.376E+02 -0.300E+03 -0.500E+03
85  2  6  9  0.364E+02 -0.500E+03 -0.400E+03
85  2  6 10  0.243E+02 -0.500E+03 -0.300E+03
85  2  6 11  0.308E+02 -0.500E+03 -0.200E+03
85  2  6 12  0.456E+02 -0.500E+03 -0.300E+03
85  2  6 13  0.460E+02 -0.500E+03 -0.300E+03
85  2  6 14  0.528E+02  0.500E+03  0.000E+00
85  2  6 15  0.234E+02  0.500E+03  0.000E+00
85  2  6 16  0.241E+02  0.500E+03 -0.200E+03
85  2  6 17  0.293E+02  0.500E+03 -0.200E+03
85  2  6 18  0.206E+02  0.500E+03 -0.200E+03
85  2  6 19  0.263E+02  0.500E+03 -0.200E+03
85  2  6 20  0.274E+02  0.500E+03 -0.300E+03
85  2  6 21  0.297E+02  0.500E+03 -0.200E+03
85  2  6 22  0.311E+02  0.500E+03 -0.300E+03
85  2  6 23  0.251E+02  0.500E+03 -0.400E+03
85  2  6 24  0.187E+02  0.500E+03 -0.400E+03
85  2  7  1  0.250E+02  0.400E+03 -0.500E+03
85  2  7  2  0.256E+02  0.500E+03 -0.100E+03
85  2  7  3  0.314E+02  0.500E+03  0.100E+03
85  2  7  4  0.335E+02  0.500E+03  0.200E+03
85  2  7  5  0.224E+02  0.500E+03  0.300E+03
85  2  7  6  0.191E+02  0.500E+03  0.300E+03
85  2  7  7  0.194E+02  0.500E+03  0.100E+03
85  2  7  8  0.242E+02  0.500E+03  0.100E+03
85  2  7  9  0.207E+02  0.500E+03  0.200E+03
85  2  7 10  0.176E+02  0.500E+03  0.100E+03
85  2  7 11  0.189E+02  0.500E+03 -0.200E+03
85  2  7 12  0.135E+02  0.500E+03 -0.300E+03
85  2  7 13  0.289E+02  0.200E+03 -0.500E+03
85  2  7 14  0.227E+02 -0.100E+03 -0.500E+03
85  2  7 15  0.187E+02  0.000E+00 -0.500E+03
85  2  7 16  0.113E+02  0.300E+03 -0.500E+03
85  2  7 17  0.110E+02  0.300E+03 -0.500E+03
85  2  7 18  0.181E+02  0.300E+03 -0.500E+03
85  2  7 19  0.224E+02  0.400E+03 -0.500E+03
85  2  7 20  0.337E+02  0.400E+03 -0.500E+03
```

85	2	7	21	0.341E+02	0.300E+03	-0.500E+03
85	2	7	22	0.340E+02	0.400E+03	-0.500E+03
85	2	7	23	0.485E+02	0.500E+03	-0.400E+03
85	2	7	24	0.234E+02	0.500E+03	-0.300E+03
85	2	8	1	0.260E+02	0.500E+03	-0.400E+03
85	2	8	2	0.210E+02	0.500E+03	-0.400E+03
85	2	8	3	0.221E+02	0.500E+03	-0.300E+03
85	2	8	4	0.206E+02	0.500E+03	-0.300E+03
85	2	8	5	0.202E+02	0.500E+03	-0.300E+03
85	2	8	6	0.268E+02	0.500E+03	-0.200E+03
85	2	8	7	0.259E+02	0.500E+03	-0.200E+03
85	2	8	8	0.221E+03	0.500E+03	-0.200E+03
85	2	8	9	0.213E+02	0.500E+03	-0.200E+03
85	2	8	10	0.101E+02	0.500E+03	-0.200E+03
85	2	8	11	0.934E+01	0.500E+03	-0.300E+03
85	2	8	12	0.809E+01	0.500E+03	-0.300E+03
85	2	8	13	0.930E+01	0.500E+03	-0.200E+03
85	2	8	14	0.927E+01	0.500E+03	-0.200E+03
85	2	8	15	0.843E+01	0.500E+03	-0.200E+03
85	2	8	16	0.929E+01	0.500E+03	-0.200E+03
85	2	8	17	0.899E+01	0.500E+03	-0.200E+03
85	2	8	18	0.105E+02	0.500E+03	-0.100E+03
85	2	8	19	0.170E+02	0.500E+03	-0.100E+03
85	2	8	20	0.180E+02	0.500E+03	-0.100E+03
85	2	8	21	0.159E+02	0.500E+03	-0.100E+03
85	2	8	22	0.162E+02	0.500E+03	-0.200E+03
85	2	8	23	0.198E+02	0.500E+03	-0.200E+03
85	2	8	24	0.207E+02	0.500E+03	-0.200E+03
85	2	9	1	0.190E+02	0.500E+03	-0.200E+03
85	2	9	2	0.159E+02	0.500E+03	-0.200E+03
85	2	9	3	0.159E+02	0.500E+03	-0.200E+03
85	2	9	4	0.993E+01	0.500E+03	-0.300E+03
85	2	9	5	0.152E+02	0.500E+03	-0.300E+03
85	2	9	6	0.161E+02	0.500E+03	-0.300E+03
85	2	9	7	0.140E+02	0.500E+03	-0.400E+03
85	2	9	8	0.140E+02	0.500E+03	-0.500E+03
85	2	9	9	0.168E+02	0.500E+03	-0.300E+03
85	2	9	10	0.191E+02	0.500E+03	-0.400E+03
85	2	9	11	0.169E+02	0.500E+03	-0.400E+03
85	2	9	12	0.156E+02	0.400E+03	-0.500E+03
85	2	9	13	0.174E+02	0.400E+03	-0.500E+03
85	2	9	14	0.210E+02	0.400E+03	-0.500E+03
85	2	9	15	0.188E+02	0.300E+03	-0.500E+03
85	2	9	16	0.189E+02	0.500E+03	-0.400E+03
85	2	9	17	0.221E+02	0.500E+03	-0.300E+03
85	2	9	18	0.570E+02	0.500E+03	-0.500E+03
85	2	9	19	0.153E+03	0.400E+03	-0.500E+03
85	2	9	20	0.269E+03	0.500E+03	-0.100E+03
85	2	9	21	0.271E+03	0.500E+03	0.200E+03
85	2	9	22	0.431E+02	0.300E+03	0.500E+03
85	2	9	23	0.450E+02	0.300E+03	0.500E+03
85	2	9	24	0.460E+02	0.300E+03	0.500E+03
85	2	10	1	0.374E+02	0.300E+03	0.500E+03
85	2	10	2	0.375E+02	0.400E+03	0.500E+03
85	2	10	3	0.383E+02	0.500E+03	0.400E+03
85	2	10	4	0.496E+02	0.500E+03	0.200E+03
85	2	10	5	0.404E+02	0.500E+03	0.400E+03
85	2	10	6	0.254E+03	0.500E+03	0.400E+03
85	2	10	7	0.258E+03	0.500E+03	0.200E+03
85	2	10	8	0.441E+02	0.300E+03	0.500E+03
85	2	10	9	0.337E+02	0.000E+00	0.500E+03
85	2	10	10	0.411E+02	0.000E+00	0.500E+03
85	2	10	11	0.388E+02	-0.100E+03	0.500E+03
85	2	10	12	0.101E+02	-0.200E+03	0.500E+03
85	2	10	13	0.162E+02	-0.200E+03	0.500E+03
85	2	10	14	0.170E+02	-0.100E+03	0.500E+03
85	2	10	15	0.189E+03	-0.200E+03	0.500E+03
85	2	10	16	0.221E+02	-0.200E+03	0.500E+03
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85	2	10	18	0.185E+02	-0.500E+03	0.500E+03
85	2	10	19	0.206E+02	-0.500E+03	0.400E+03
85	2	10	20	0.221E+02	-0.500E+03	0.300E+03
85	2	10	21	0.268E+02	-0.500E+03	0.200E+03
85	2	10	22	0.307E+02	-0.500E+03	0.000E+00
85	2	10	23	0.225E+02	-0.500E+03	0.000E+00
85	2	10	24	0.218E+02	-0.500E+03	0.100E+03
85	2	11	1	0.258E+02	-0.500E+03	0.100E+03
85	2	11	2	0.201E+02	-0.500E+03	0.000E+00
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85	2	11	4	0.241E+02	-0.500E+03	0.000E+00
85	2	11	5	0.221E+02	-0.500E+03	0.000E+00
85	2	11	6	0.140E+02	-0.500E+03	0.100E+03
85	2	11	7	0.112E+02	-0.500E+03	0.200E+03
85	2	11	8	0.112E+02	-0.500E+03	0.200E+03

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05  2 11 12  0.1218E+02 -0.5000E+03  0.3000E+03
05  2 11 13  0.1138E+02 -0.5000E+03  0.3000E+03
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05  2 11 23  0.1718E+02 -0.5000E+03  0.1000E+03
05  2 11 24  0.2198E+02 -0.5000E+03  0.1000E+03
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05  2 12  9  0.1158E+02 -0.5000E+03 -0.2000E+03
05  2 13 10  0.1018E+02 -0.4000E+03 -0.5000E+03
05  2 12 11  0.1648E+02 -0.3000E+03 -0.5000E+03
05  2 12 12  0.1328E+02 -0.2000E+03 -0.5000E+03
05  2 12 13  0.8508E+01  0.5000E+03 -0.3000E+03
05  2 12 14  0.8798E+01  0.5000E+03 -0.3000E+03
05  2 12 15  0.1078E+02  0.5000E+03 -0.2000E+03
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05  2 12 24  0.2198E+02 -0.1000E+03 -0.5000E+03
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05  2 13  3  0.1738E+02  0.1000E+03 -0.5000E+03
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05  2 13  7  0.1608E+02  0.0000E+00 -0.5000E+03
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05  2 13 10  0.7098E+01  0.5000E+03 -0.4000E+03
05  2 13 18  0.1738E+02  0.5000E+03  0.1000E+03
05  2 13 19  0.2078E+02  0.5000E+03  0.0000E+00
05  2 13 20  0.1848E+03  0.5000E+03  0.1000E+03
05  2 13 21  0.1388E+03  0.5000E+03  0.0000E+00
05  2 13 22  0.2018E+02  0.5000E+03  0.1000E+03
05  2 13 23  0.1298E+02  0.5000E+03  0.1000E+03
05  2 13 24  0.1428E+02  0.5000E+03  0.1000E+03
05  2 14  1  0.1278E+02  0.5000E+03  0.1000E+03
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05  2 14  3  0.1458E+02  0.5000E+03  0.3000E+03
05  2 14  4  0.1508E+02  0.5000E+03  0.2000E+03
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05  2 14 15  0.1188E+02  0.5000E+03  0.3000E+03
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05  2 14 17  0.1428E+02  0.5000E+03  0.1000E+03
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05  2 14 19  0.1608E+02  0.5000E+03  0.2000E+03
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05  2 14 23  0.1988E+02  0.5000E+03  0.0000E+00
05  2 14 24  0.1798E+02  0.5000E+03  0.0000E+00
05  2 15  1  0.1778E+02  0.5000E+03  0.1000E+03
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85  2 21 22  0.100E+02  0.100E+03  0.500E+03
85  2 21 23  0.988E+01  0.100E+03  0.500E+03
85  2 21 24  0.960E+01  0.200E+03  0.500E+03
85  2 22  1  0.920E+01  0.300E+03  0.500E+03
85  2 22  2  0.879E+01  0.300E+03  0.500E+03
85  2 22  3  0.869E+01  0.400E+03  0.500E+03
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85	2	22	4	0.106E+02	0.300E+03	0.500E+03
85	2	22	5	0.109E+02	0.400E+03	0.500E+03
85	2	22	6	0.101E+02	0.500E+03	0.400E+03
85	2	22	7	0.118E+02	0.400E+03	0.500E+03
85	2	22	8	0.121E+02	0.400E+03	0.500E+03
85	2	22	9	0.116E+02	0.300E+03	0.500E+03
85	2	22	10	0.106E+02	0.300E+03	0.500E+03
85	2	22	11	0.108E+02	0.300E+03	0.500E+03
85	2	22	12	0.113E+02	0.300E+03	0.500E+03
85	2	22	13	0.108E+02	0.300E+03	0.500E+03
85	2	22	14	0.116E+02	0.300E+03	0.500E+03
85	2	22	15	0.140E+02	0.300E+03	0.500E+03
85	2	22	16	0.113E+02	0.300E+03	0.500E+03
85	2	22	17	0.133E+02	0.400E+03	0.500E+03
85	2	22	18	0.151E+02	0.300E+03	0.500E+03
85	2	22	19	0.146E+02	0.300E+03	0.500E+03
85	2	22	20	0.155E+02	0.300E+03	0.500E+03
85	2	22	21	0.166E+02	0.300E+03	0.500E+03
85	2	22	22	0.181E+02	0.200E+03	0.500E+03
85	2	22	23	0.162E+02	0.200E+03	0.500E+03
85	2	22	24	0.166E+02	0.300E+03	0.500E+03
85	2	23	1	0.169E+02	0.200E+03	0.500E+03
85	2	23	2	0.192E+02	0.200E+03	0.500E+03
85	2	23	3	0.207E+02	0.200E+03	0.500E+03
85	2	23	4	0.205E+02	0.100E+03	0.500E+03
85	2	23	5	0.234E+02	0.100E+03	0.500E+03
85	2	23	6	0.219E+02	0.100E+03	0.500E+03
85	2	23	7	0.166E+02	0.100E+03	0.500E+03
85	2	23	8	0.145E+02	0.100E+03	0.500E+03
85	2	23	9	0.126E+02	0.200E+03	0.500E+03
85	2	23	10	0.115E+02	0.100E+03	0.500E+03
85	2	23	11	0.117E+02	0.200E+03	0.500E+03
85	2	23	12	0.106E+02	0.200E+03	0.500E+03
85	2	23	13	0.108E+02	0.300E+03	0.500E+03
85	2	23	14	0.164E+02	0.300E+03	0.500E+03
85	2	23	15	0.166E+02	0.300E+03	0.500E+03
85	2	23	16	0.156E+02	0.300E+03	0.500E+03
85	2	23	17	0.165E+02	0.200E+03	0.500E+03
85	2	23	18	0.150E+02	0.200E+03	0.500E+03
85	2	23	19	0.166E+02	0.300E+03	0.500E+03
85	2	23	20	0.199E+02	0.200E+03	0.500E+03
85	2	23	21	0.410E+02	0.300E+03	0.500E+03
85	2	23	22	0.533E+02	0.000E+00	0.500E+03
85	2	23	23	0.500E+02	0.000E+00	0.500E+03
85	2	23	24	0.525E+02	-0.100E+03	0.500E+03
85	2	24	1	0.258E+02	0.100E+03	0.500E+03
85	2	24	2	0.146E+02	0.200E+03	0.500E+03
85	2	24	3	0.128E+02	0.200E+03	0.500E+03
85	2	24	4	0.126E+02	0.200E+03	0.500E+03
85	2	24	5	0.116E+02	0.300E+03	0.500E+03
85	2	24	6	0.117E+02	0.300E+03	0.500E+03
85	2	24	7	0.115E+02	0.400E+03	0.500E+03
85	2	24	8	0.112E+02	0.400E+03	0.500E+03
85	2	24	9	0.113E+02	0.400E+03	0.500E+03
85	2	24	10	0.121E+02	0.300E+03	0.500E+03
85	2	24	11	0.125E+02	0.400E+03	0.500E+03
85	2	24	12	0.133E+02	0.300E+03	0.500E+03
85	2	24	13	0.205E+02	0.500E+03	0.400E+03
85	2	24	14	0.204E+02	0.500E+03	-0.400E+03
85	2	24	15	0.176E+02	0.500E+03	-0.200E+03
85	2	24	16	0.948E+01	0.500E+03	-0.300E+03
85	2	24	17	0.120E+02	0.500E+03	-0.200E+03
85	2	24	18	0.157E+02	0.500E+03	-0.200E+03
85	2	24	19	0.135E+02	0.500E+03	-0.200E+03
85	2	24	20	0.147E+02	0.500E+03	-0.200E+03
85	2	24	21	0.130E+02	0.500E+03	-0.200E+03
85	2	24	22	0.134E+02	0.500E+03	-0.200E+03
85	2	24	23	0.139E+02	0.500E+03	-0.200E+03
85	2	24	24	0.172E+02	0.500E+03	-0.100E+03
85	2	25	1	0.193E+02	0.500E+03	0.000E+00
85	2	25	2	0.219E+02	0.500E+03	-0.100E+03
85	2	25	3	0.201E+02	0.500E+03	-0.100E+03
85	2	25	4	0.242E+02	0.500E+03	0.000E+00
85	2	25	5	0.386E+02	0.500E+03	0.000E+00
85	2	25	6	0.511E+02	0.500E+03	0.000E+00
85	2	25	7	0.450E+02	0.500E+03	0.000E+00
85	2	25	8	0.139E+02	0.500E+03	0.200E+03
85	2	25	9	0.140E+02	0.500E+03	0.100E+03
85	2	25	10	0.679E+01	0.500E+03	0.100E+03
85	2	25	11	0.428E+01	0.300E+03	0.500E+03
85	2	25	12	0.762E+01	0.100E+03	0.500E+03
85	2	25	13	0.823E+01	0.000E+00	0.500E+03
85	2	25	14	0.918E+01	-0.100E+03	0.500E+03
85	2	25	15	0.106E+02	-0.100E+03	0.500E+03

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85  2 25 16  0.1152E+02 -0.100E+03  0.500E+03
85  2 25 17  0.1768E+02 -0.100E+03  0.500E+03
85  2 25 18  0.1898E+02 -0.100E+03  0.500E+03
85  2 25 19  0.1458E+02  0.000E+00  0.500E+03
85  2 25 20  0.1808E+02  0.000E+00  0.500E+03
85  2 25 21  0.1998E+02  0.100E+03  0.500E+03
85  2 25 22  0.2048E+02  0.000E+00  0.500E+03
85  2 25 23  0.2068E+02 -0.200E+03  0.500E+03
85  2 25 24  0.2178E+02 -0.200E+03  0.500E+03
85  2 26  1  0.2378E+02 -0.100E+03  0.500E+03
85  2 26  2  0.2238E+02  0.000E+00  0.500E+03
85  2 26  3  0.2358E+02  0.100E+03  0.500E+03
85  2 26  4  0.2448E+02  0.200E+03  0.500E+03
85  2 26  5  0.2468E+02  0.300E+03  0.500E+03
85  2 26  6  0.2508E+02  0.400E+03  0.500E+03
85  2 26  7  0.2308E+02  0.500E+03  0.400E+03
85  2 26 12  0.6318E+01  0.200E+03  0.500E+03
85  2 26 13  0.5548E+01  0.300E+03  0.500E+03
85  2 26 14  0.6618E+01  0.200E+03  0.500E+03
85  2 26 15  0.6278E+01  0.200E+03  0.500E+03
85  2 26 16  0.8708E+01  0.200E+03  0.500E+03
85  2 26 17  0.9508E+01  0.100E+03  0.500E+03
85  2 26 18  0.1068E+02  0.100E+03  0.500E+03
85  2 26 19  0.1088E+02  0.200E+03  0.500E+03
85  2 26 20  0.1038E+02  0.200E+03  0.500E+03
85  2 26 21  0.1088E+02  0.300E+03  0.500E+03
85  2 26 22  0.1068E+02  0.300E+03  0.500E+03
85  2 26 23  0.1618E+02  0.500E+03  0.400E+03
85  2 26 24  0.2358E+02  0.500E+03 -0.100E+03
85  2 27  1  0.1578E+02  0.500E+03 -0.200E+03
85  2 27  2  0.2028E+02  0.500E+03 -0.100E+03
85  2 27  3  0.1598E+02  0.500E+03 -0.200E+03
85  2 27  4  0.8158E+01  0.500E+03 -0.500E+03
85  2 27  5  0.7538E+01  0.500E+03 -0.300E+03
85  2 27  6  0.8358E+01  0.500E+03 -0.200E+03
85  2 27  7  0.6818E+01  0.500E+03 -0.300E+03
85  2 27  8  0.7248E+01  0.500E+03 -0.300E+03
85  2 27  9  0.6848E+01  0.500E+03 -0.300E+03
85  2 27 10  0.7558E+01  0.500E+03 -0.500E+03
85  2 27 11  0.7308E+01  0.400E+03 -0.500E+03
85  2 27 12  0.7128E+01  0.400E+03 -0.500E+03
85  2 27 13  0.9398E+01  0.400E+03 -0.500E+03
85  2 27 14  0.8068E+01  0.500E+03 -0.500E+03
85  2 27 15  0.1468E+02  0.300E+03 -0.500E+03
85  2 27 16  0.1888E+02  0.300E+03 -0.500E+03
85  2 27 17  0.2908E+02  0.400E+03 -0.500E+03
85  2 27 18  0.6088E+02  0.400E+03 -0.500E+03
85  2 27 19  0.4608E+02  0.500E+03 -0.200E+03
85  2 27 20  0.2188E+03  0.500E+03 -0.100E+03
85  2 27 21  0.2138E+03  0.500E+03  0.100E+03
85  2 27 22  0.2198E+03  0.500E+03  0.100E+03
85  2 27 23  0.2128E+03  0.500E+03  0.100E+03
85  2 27 24  0.6148E+02  0.500E+03  0.400E+03
85  2 28  1  0.8338E+02  0.400E+03  0.500E+03
85  2 28  2  0.4738E+02  0.500E+03  0.400E+03
85  2 28  3  0.3628E+02  0.500E+03  0.300E+03
85  2 28  4  0.3708E+02  0.500E+03  0.500E+03
85  2 28  5  0.2458E+02  0.400E+03  0.500E+03
85  2 28  6  0.1898E+02  0.400E+03  0.500E+03
85  2 28  7  0.1688E+02  0.300E+03  0.500E+03
85  2 28  8  0.9348E+01  0.300E+03  0.500E+03
85  2 28  9  0.9208E+01  0.300E+03  0.500E+03
85  2 28 10  0.8308E+01  0.300E+03  0.500E+03
85  2 28 11  0.9878E+01  0.300E+03  0.500E+03
85  2 28 12  0.8218E+01  0.300E+03  0.500E+03
85  2 28 13  0.8358E+01  0.200E+03  0.500E+03
85  2 28 14  0.7628E+01  0.200E+03  0.500E+03
85  2 28 15  0.6818E+01  0.200E+03  0.500E+03
85  2 28 16  0.7928E+01  0.200E+03  0.500E+03
85  2 28 17  0.7708E+01  0.300E+03  0.500E+03
85  2 28 18  0.9088E+01  0.200E+03  0.500E+03
85  2 28 19  0.7788E+01  0.300E+03  0.500E+03
85  2 28 20  0.8288E+01  0.300E+03  0.500E+03
85  2 28 21  0.8568E+01  0.300E+03  0.500E+03
85  2 28 22  0.8798E+01  0.300E+03  0.500E+03
85  2 28 23  0.8288E+01  0.300E+03  0.500E+03
85  2 28 24  0.9228E+01  0.300E+03  0.500E+03
```

EST				conc	x	y
yr	mh	dy	hr	(ug/m3)	(m)	(m)
85	7	1	1	0.249E+03	-0.500E+03	-0.100E+03
85	7	1	2	0.277E+03	-0.500E+03	-0.200E+03
85	7	1	3	0.267E+03	-0.500E+03	-0.300E+03
85	7	1	4	0.267E+03	-0.500E+03	-0.300E+03
85	7	1	5	0.244E+03	-0.500E+03	-0.500E+03
85	7	1	7	0.837E+01	-0.500E+03	-0.400E+03
85	7	1	8	0.570E+01	-0.500E+03	-0.300E+03
85	7	1	9	0.351E+01	-0.500E+03	-0.400E+03
85	7	1	10	0.646E+01	-0.100E+03	-0.500E+03
85	7	1	11	0.540E+01	0.000E+00	-0.500E+03
85	7	1	12	0.561E+01	-0.100E+03	-0.500E+03
85	7	1	13	0.550E+01	0.000E+00	-0.500E+03
85	7	1	14	0.289E+01	-0.500E+03	-0.200E+03
85	7	1	15	0.278E+01	-0.500E+03	-0.100E+03
85	7	1	16	0.460E+01	-0.500E+03	0.100E+03
85	7	1	17	0.737E+01	-0.500E+03	0.200E+03
85	7	1	18	0.765E+01	-0.300E+03	0.500E+03
85	7	1	19	0.135E+02	-0.100E+03	0.500E+03
85	7	1	20	0.297E+02	0.200E+03	0.500E+03
85	7	1	21	0.253E+02	0.200E+03	0.500E+03
85	7	1	22	0.352E+02	0.300E+03	0.500E+03
85	7	1	23	0.284E+02	0.100E+03	0.500E+03
85	7	1	24	0.255E+02	0.000E+00	0.500E+03
85	7	2	1	0.252E+03	0.100E+03	0.500E+03
85	7	2	2	0.441E+02	0.300E+03	0.500E+03
85	7	2	3	0.456E+02	0.500E+03	0.300E+03
85	7	2	4	0.493E+02	0.500E+03	-0.100E+03
85	7	2	5	0.498E+02	0.500E+03	-0.200E+03
85	7	2	7	0.195E+02	0.200E+03	0.500E+03
85	7	2	8	0.106E+02	-0.100E+03	0.500E+03
85	7	2	9	0.669E+01	-0.100E+03	0.500E+03
85	7	2	10	0.786E+01	0.000E+00	0.500E+03
85	7	2	11	0.722E+01	0.000E+00	0.500E+03
85	7	2	12	0.607E+01	0.200E+03	0.500E+03
85	7	2	13	0.282E+01	0.300E+03	0.500E+03
85	7	2	14	0.502E+01	0.500E+03	-0.200E+03
85	7	2	15	0.314E+01	0.500E+03	0.100E+03
85	7	2	16	0.620E+01	0.200E+03	0.500E+03
85	7	2	17	0.154E+02	0.300E+03	0.500E+03
85	7	2	18	0.145E+02	0.200E+03	0.500E+03
85	7	2	19	0.257E+02	0.500E+03	0.100E+03
85	7	2	20	0.404E+02	0.500E+03	0.000E+00
85	7	2	21	0.500E+02	0.500E+03	0.000E+00
85	7	2	22	0.320E+02	0.000E+00	0.500E+03
85	7	2	23	0.479E+02	0.200E+03	0.500E+03
85	7	2	24	0.654E+02	0.500E+03	0.300E+03
85	7	3	1	0.167E+03	0.500E+03	0.200E+03
85	7	3	2	0.169E+03	0.500E+03	0.100E+03
85	7	3	3	0.903E+02	0.500E+03	-0.200E+03
85	7	3	4	0.250E+03	0.500E+03	-0.400E+03
85	7	3	5	0.208E+03	0.100E+03	-0.500E+03
85	7	3	7	0.102E+02	-0.100E+03	-0.500E+03
85	7	3	8	0.101E+02	-0.100E+03	-0.500E+03
85	7	3	9	0.216E+01	0.000E+00	-0.500E+03
85	7	3	10	0.175E+01	0.500E+03	-0.300E+03
85	7	3	11	0.151E+01	0.500E+03	-0.200E+03
85	7	3	12	0.215E+01	0.200E+03	-0.500E+03
85	7	3	13	0.191E+01	0.100E+03	-0.500E+03
85	7	3	14	0.213E+01	0.500E+03	-0.100E+03
85	7	3	15	0.234E+01	0.500E+03	0.000E+00
85	7	3	16	0.328E+01	0.500E+03	-0.100E+03
85	7	3	17	0.330E+01	0.500E+03	0.100E+03
85	7	3	18	0.426E+01	0.500E+03	0.200E+03
85	7	3	19	0.634E+01	0.300E+03	0.500E+03
85	7	3	20	0.537E+02	0.200E+03	0.500E+03
85	7	3	21	0.310E+02	0.300E+03	0.500E+03
85	7	3	22	0.337E+02	0.200E+03	0.500E+03
85	7	3	23	0.453E+02	0.200E+03	0.500E+03
85	7	3	24	0.648E+02	0.300E+03	0.500E+03
85	7	4	1	0.626E+02	0.300E+03	0.500E+03
85	7	4	2	0.357E+02	0.300E+03	0.500E+03
85	7	4	3	0.477E+02	0.400E+03	0.500E+03
85	7	4	4	0.608E+02	0.400E+03	0.500E+03
85	7	4	5	0.806E+02	0.400E+03	0.500E+03
85	7	4	7	0.199E+02	0.200E+03	0.500E+03
85	7	4	8	0.245E+02	0.200E+03	0.500E+03
85	7	4	9	0.[illegible]	0.[illegible]	0.[illegible]
85	7	4	10	0.[illegible]	0.[illegible]	0.[illegible]
85	7	4	11	0.[illegible]	0.[illegible]	0.[illegible]
85	7	4	12	0.[illegible]	0.[illegible]	0.[illegible]

85	7	4	13	0.589E+01	0.100E+03	0.500E+03
85	7	4	14	0.613E+01	0.100E+03	0.50CE+03
85	7	4	15	0.647E+01	0.200E+03	0.500E+03
85	7	4	16	0.961E+01	0.100E+03	0.500E+03
85	7	4	17	0.103E+02	0.100E+03	0.500E+03
85	7	4	18	0.114E+02	0.000E+00	0.500E+03
85	7	4	19	0.102E+02	0.000E+00	0.500E+03
85	7	4	20	0.154E+02	0.000E+00	0.500E+03
85	7	4	21	0.216E+02	0.000E+00	0.500E+03
85	7	4	22	0.198E+02	0.000E+00	0.500E+03
85	7	4	23	0.225E+02	0.100E+03	0.500E+03
85	7	4	24	0.182E+02	0.100E+03	0.500E+03
85	7	5	1	0.113E+02	0.200E+03	0.500E+03
85	7	5	2	0.120E+02	0.100E+03	0.500E+03
85	7	5	3	0.120E+02	0.100E+03	0.500E+03
85	7	5	4	0.124E+02	0.100E+03	0.500E+03
85	7	5	5	0.150E+02	0.500E+03	0.000E+00
85	7	5	7	0.136E+02	0.500E+03	0.300E+03
85	7	5	8	0.838E+01	-0.200E+03	0.500E+03
85	7	5	9	0.130E+02	-0.300E+03	0.500E+03
85	7	5	10	0.112E+02	-0.200E+03	0.500E+03
85	7	5	11	0.107E+02	0.000E+00	0.500E+03
85	7	5	12	0.105E+02	0.100E+03	0.500E+03
85	7	5	13	0.880E+01	0.100E+03	0.500E+03
85	7	5	14	0.740E+01	0.100E+03	0.500E+03
85	7	5	15	0.828E+01	0.100E+03	0.500E+03
85	7	5	16	0.967E+01	0.100E+03	0.500E+03
85	7	5	17	0.112E+02	0.200E+03	0.500E+03
85	7	5	18	0.159E+02	0.000E+00	0.500E+03
85	7	5	19	0.184E+02	0.000E+00	0.500E+03
85	7	5	20	0.189E+02	-0.100E+03	0.500E+03
85	7	5	21	0.406E+02	-0.100E+03	0.500E+03
85	7	5	22	0.170E+02	-0.100E+03	0.500E+03
85	7	5	23	0.256E+02	-0.100E+03	0.500E+03
85	7	5	24	0.177E+02	0.200E+03	0.500E+03
85	7	6	1	0.190E+02	0.200E+03	0.500E+03
85	7	6	2	0.251E+02	0.300E+03	0.500E+03
85	7	6	3	0.785E+02	0.500E+03	0.500E+03
85	7	6	4	0.255E+02	0.500E+03	0.500E+03
85	7	6	5	0.323E+02	0.500E+03	0.400E+03
85	7	6	7	0.795E+01	0.500E+03	0.300E+03
85	7	6	8	0.832E+01	0.500E+03	0.100E+03
85	7	6	9	0.858E+01	0.500E+03	0.100E+03
85	7	6	10	0.627E+01	0.500E+03	-0.100E+03
85	7	6	11	0.789E+01	0.500E+03	0.000E+00
85	7	6	12	0.544E+01	0.500E+03	0.000E+00
85	7	6	13	0.580E+01	0.500E+03	0.000E+00
85	7	6	14	0.553E+01	0.500E+03	0.000E+00
85	7	6	15	0.870E+01	0.500E+03	0.000E+00
85	7	6	16	0.694E+01	0.500E+03	0.000E+00
85	7	6	17	0.775E+01	0.500E+03	-0.100E+03
85	7	6	18	0.109E+02	0.500E+03	-0.100E+03
85	7	6	19	0.111E+02	0.500E+03	-0.100E+03
85	7	6	20	0.230E+02	0.500E+03	-0.400E+03
85	7	6	21	0.318E+02	0.300E+03	-0.500E+03
85	7	6	22	0.429E+02	0.300E+03	-0.500E+03
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85	7	7	2	0.260E+02	0.500E+03	-0.400E+03
85	7	7	3	0.277E+02	0.500E+03	-0.300E+03
85	7	7	4	0.262E+02	0.500E+03	-0.300E+03
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85	7	7	9	0.123E+02	0.500E+03	-0.400E+03
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85	7	7	13	0.261E+01	0.500E+03	-0.200E+03
85	7	7	14	0.218E+01	0.500E+03	-0.200E+03
85	7	7	15	0.227E+01	0.500E+03	-0.100E+03
85	7	7	16	0.347E+01	0.500E+03	-0.100E+03
85	7	7	17	0.443E+01	0.500E+03	-0.100E+03
85	7	7	18	0.591E+01	0.400E+03	0.500E+03
85	7	7	19	0.118E+02	0.200E+03	0.500E+03
85	7	7	20	0.217E+02	0.200E+03	0.500E+03
85	7	7	21	0.184E+02	0.000E+00	0.500E+03
85	7	7	22	0.211E+02	-0.100E+03	0.500E+03
85	7	7	23	0.159E+02	0.000E+00	0.500E+03
85	7	7	24	0.269E+02	-0.200E+03	0.500E+03
85	7	8	1	0.138E+02	0.000E+00	0.500E+03
85	7	8	2	0.133E+02	0.100E+03	0.500E+03
85	7	8	3	0.137E+02	0.500E+03	0.500E+03

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85	7	8	5	0.838E+02	0.500E+03	0.400E+03
85	7	8	7	0.239E+02	0.500E+03	-0.100E+03
85	7	8	8	0.462E+01	0.500E+03	0.000E+00
85	7	8	9	0.611E+01	0.500E+03	-0.100E+03
85	7	8	10	0.418E+01	0.500E+03	-0.200E+03
85	7	8	11	0.321E+01	0.500E+03	-0.300E+03
85	7	8	12	0.262E+01	0.500E+03	-0.200E+03
85	7	8	13	0.331E+01	0.500E+03	-0.200E+03
85	7	8	14	0.207E+01	0.500E+03	-0.200E+03
85	7	8	15	0.250E+01	-0.100E+03	-0.500E+03
85	7	8	16	0.234E+01	-0.100E+03	-0.500E+03
85	7	8	17	0.274E+01	0.000E+00	-0.500E+03
85	7	8	18	0.594E+01	-0.100E+03	-0.500E+03
85	7	8	19	0.921E+01	-0.500E+03	-0.300E+03
85	7	8	20	0.347E+02	-0.500E+03	-0.300E+03
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85	7	8	22	0.537E+02	0.500E+03	0.000E+00
85	7	8	23	0.160E+03	-0.300E+03	-0.500E+03
85	7	8	24	0.250E+03	-0.500E+03	-0.400E+03
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85	7	9	2	0.244E+03	-0.500E+03	-0.500E+03
85	7	9	3	0.263E+03	-0.100E+03	-0.500E+03
85	7	9	4	0.968E+02	-0.100E+03	-0.500E+03
85	7	9	5	0.247E+03	-0.100E+03	-0.500E+03
85	7	9	7	0.217E+02	0.000E+00	-0.500E+03
85	7	9	8	0.457E+01	0.100E+03	-0.500E+03
85	7	9	9	0.463E+01	0.100E+03	-0.500E+03
85	7	9	10	0.221E+01	0.300E+03	-0.500E+03
85	7	9	11	0.254E+01	0.500E+03	-0.300E+03
85	7	9	12	0.321E+01	0.500E+03	-0.400E+03
85	7	9	13	0.311E+01	0.300E+03	-0.500E+03
85	7	9	14	0.259E+01	0.200E+03	-0.500E+03
85	7	9	15	0.325E+01	0.500E+03	-0.400E+03
85	7	9	16	0.374E+01	0.500E+03	-0.300E+03
85	7	9	17	0.555E+01	0.500E+03	-0.300E+03
85	7	9	18	0.629E+01	0.500E+03	-0.100E+03
85	7	9	19	0.967E+01	0.500E+03	0.200E+03
85	7	9	20	0.275E+03	0.500E+03	0.200E+03
85	7	9	21	0.264E+03	0.500E+03	0.300E+03
85	7	9	22	0.520E+02	0.500E+03	0.000E+00
85	7	9	23	0.519E+02	0.500E+03	0.100E+03
85	7	9	24	0.488E+02	0.500E+03	-0.200E+03
85	7	10	1	0.496E+02	-0.200E+03	0.500E+03
85	7	10	2	0.496E+02	0.500E+03	0.200E+03
85	7	10	3	0.533E+02	0.000E+00	-0.500E+03
85	7	10	4	0.311E+02	-0.300E+03	-0.500E+03
85	7	10	5	0.277E+02	-0.300E+03	-0.500E+03
85	7	10	7	0.248E+02	-0.300E+03	-0.500E+03
85	7	10	8	0.573E+01	-0.100E+03	-0.500E+03
85	7	10	9	0.590E+01	-0.100E+03	-0.500E+03
85	7	10	10	0.457E+01	-0.100E+03	-0.500E+03
85	7	10	11	0.376E+01	-0.100E+03	-0.500E+03
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85	7	10	13	0.367E+01	-0.200E+03	-0.500E+03
85	7	10	14	0.328E+01	-0.200E+03	-0.500E+03
85	7	10	15	0.242E+01	-0.100E+03	-0.500E+03
85	7	10	16	0.285E+01	-0.200E+03	-0.500E+03
85	7	10	17	0.288E+01	-0.500E+03	-0.300E+03
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85	7	10	19	0.866E+01	-0.500E+03	-0.100E+03
85	7	10	20	0.196E+03	-0.500E+03	0.400E+03
85	7	10	21	0.167E+03	-0.200E+03	0.500E+03
85	7	10	22	0.689E+02	0.100E+03	0.500E+03
85	7	10	23	0.383E+02	0.400E+03	0.500E+03
85	7	10	24	0.282E+03	0.500E+03	0.100E+03
85	7	11	1	0.275E+03	0.500E+03	-0.200E+03
85	7	11	2	0.687E+02	0.500E+03	-0.200E+03
85	7	11	3	0.234E+02	0.500E+03	-0.300E+03
85	7	11	4	0.227E+02	0.100E+03	-0.500E+03
85	7	11	5	0.709E+02	0.100E+03	-0.500E+03
85	7	11	7	0.496E+01	0.100E+03	-0.500E+03
85	7	11	8	0.378E+01	0.000E+00	-0.500E+03
85	7	11	9	0.264E+01	0.000E+00	-0.500E+03
85	7	11	10	0.279E+01	0.000E+00	-0.500E+03
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85	7	11	12	0.298E+01	0.000E+00	-0.500E+03
85	7	11	13	0.217E+01	-0.200E+03	-0.500E+03
85	7	11	14	0.227E+01	0.000E+00	0.500E+03
85	7	11	15	0.254E+01	0.300E+03	0.500E+03
85	7	11	16	0.348E+01	0.100E+03	0.500E+03
85	7	11	17	0.481E+01	0.100E+03	0.500E+03
85	7	11	18	0.342E+01	0.200E+03	0.500E+03
85	7	11	19	0.108E+02	0.000E+00	0.500E+03

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85  7 11 20  0.1360E+02 -0.1000E+03  0.5000E+03
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85  7 11 22  0.1570E+02 -0.2000E+03  0.5000E+03
85  7 11 23  0.1770E+02 -0.2000E+03  0.5000E+03
85  7 11 24  0.2430E+02 -0.2000E+03  0.5000E+03
85  7 12  1  0.4140E+02 -0.3000E+03  0.5000E+03
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85  7 12  3  0.2670E+03 -0.5000E+03  0.3000E+03
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85  7 12  8  0.7340E+01  0.0000E+00 -0.5000E+03
85  7 12  9  0.3230E+01  0.0000E+00 -0.5000E+03
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85  7 12 12  0.2030E+01 -0.1000E+03 -0.5000E+03
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85  7 12 14  0.1920E+01  0.1000E+03 -0.5000E+03
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85  7 12 16  0.2390E+01 -0.5000E+03 -0.1000E+03
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85  7 12 20  0.2710E+03 -0.5000E+03 -0.2000E+03
85  7 12 21  0.2800E+03 -0.5000E+03  0.0000E+00
85  7 12 22  0.2860E+03  0.0000E+00  0.5000E+03
85  7 12 23  0.6630E+02 -0.2000E+03  0.5000E+03
85  7 12 24  0.4420E+02 -0.1000E+03  0.5000E+03
85  7 13  1  0.3070E+02 -0.1000E+03  0.5000E+03
85  7 13  2  0.6520E+02 -0.1000E+03  0.5000E+03
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85  7 13 17  0.7610E+01  0.1000E+03  0.5000E+03
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85  7 13 20  0.9000E+01  0.1000E+03  0.5000E+03
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85  7 13 24  0.7690E+01  0.2000E+03  0.5000E+03
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85  7 14  3  0.9700E+01  0.5000E+03  0.5000E+03
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85  7 14 23  0.5070E+02  0.5000E+03  0.3000E+03
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85  7 15  1  0.1670E+03  0.5000E+03  0.2000E+03
85  7 15  2  0.1630E+03  0.5000E+03  0.2000E+03
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85  7 15 11  0.6150E+01  0.1000E+03 -0.5000E+03
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85  7 15 16  0.2620E+01 -0.5000E+03 -0.1000E+03
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05	7	15	19	0.7758×01	-0.5000×03	-0.4000×03
05	7	15	20	0.2758×03	-0.5000×03	-0.1000×03
05	7	15	21	0.2548×03	-0.4000×03	-0.5000×03
05	7	15	22	0.2098×03	0.5000×03	0.0000×00
05	7	15	23	0.4118×02	0.5000×03	-0.3000×03
05	7	15	24	0.2138×03	0.2000×03	-0.5000×03
05	7	16	1	0.2698×03	0.1000×03	-0.5000×03
05	7	16	2	0.2598×03	0.2000×03	-0.5000×03
05	7	16	3	0.2648×03	0.5000×03	-0.3000×03
05	7	16	4	0.2678×03	0.5000×03	-0.3000×03
05	7	16	5	0.2498×03	0.5000×03	-0.2000×03
05	7	16	7	0.1558×02	0.5000×03	-0.3000×03
05	7	16	8	0.9728×01	0.5000×03	-0.4000×03
05	7	16	9	0.3418×01	0.2000×03	-0.5000×03
05	7	16	10	0.2648×01	0.0000×00	-0.5000×03
05	7	16	11	0.3998×01	0.1000×03	-0.5000×03
05	7	16	12	0.2878×01	0.1000×03	-0.5000×03
05	7	16	13	0.3168×01	0.1000×03	-0.5000×03
05	7	16	14	0.2648×01	0.0000×00	-0.5000×03
05	7	16	15	0.2728×01	-0.2000×03	-0.5000×03
05	7	16	16	0.3068×01	-0.3000×03	-0.5000×03
05	7	16	17	0.3008×01	-0.5000×03	-0.3000×03
05	7	16	18	0.4268×01	-0.3000×03	-0.5000×03
05	7	16	19	0.7988×01	-0.3000×03	-0.5000×03
05	7	16	20	0.3788×02	-0.6000×03	-0.5000×03
05	7	16	21	0.1948×03	-0.5000×03	-0.6000×03
05	7	16	22	0.2678×03	-0.5000×03	-0.3000×03
05	7	16	23	0.2778×03	-0.5000×03	-0.2000×03
05	7	16	24	0.2708×03	-0.5000×03	0.0000×00
05	7	17	1	0.2728×03	-0.5000×03	-0.1000×03
05	7	17	2	0.2708×03	-0.5000×03	-0.2000×03
05	7	17	3	0.2648×03	-0.5000×03	-0.5000×03
05	7	17	4	0.2658×03	-0.2000×03	-0.5000×03
05	7	17	5	0.2758×03	-0.2000×03	-0.5000×03
05	7	17	7	0.1978×02	-0.5000×03	-0.2000×03
05	7	17	8	0.9708×01	-0.5000×03	-0.3000×03
05	7	17	9	0.2898×01	-0.5000×03	-0.2000×03
05	7	17	10	0.2938×01	-0.5000×03	-0.1000×03
05	7	17	11	0.2998×01	-0.5000×03	-0.1000×03
05	7	17	12	0.2108×01	-0.5000×03	-0.1000×03
05	7	17	13	0.2168×01	-0.5000×03	0.0000×00
05	7	17	14	0.1728×01	-0.5000×03	0.2000×03
05	7	17	15	0.2978×01	0.0000×00	0.5000×03
05	7	17	16	0.3048×01	-0.1000×03	0.5000×03
05	7	17	17	0.6878×01	-0.1000×03	0.5000×03
05	7	17	18	0.6378×01	-0.1000×03	0.5000×03
05	7	17	19	0.1218×02	-0.1000×03	0.5000×03
05	7	17	20	0.3818×02	0.0000×00	0.5000×03
05	7	17	21	0.2748×03	0.2000×03	0.5000×03
05	7	17	22	0.2508×03	0.5000×03	-0.6000×03
05	7	17	23	0.2768×03	0.0000×00	-0.5000×03
05	7	17	24	0.2658×03	-0.2000×03	-0.5000×03
05	7	18	1	0.2468×03	-0.5000×03	-0.6000×03
05	7	18	2	0.2758×03	-0.5000×03	-0.3000×03
05	7	18	3	0.2648×03	-0.5000×03	0.0000×00
05	7	18	4	0.2718×03	-0.5000×03	0.2000×03
05	7	18	5	0.2778×03	-0.5000×03	0.2000×03
05	7	18	7	0.1738×02	-0.5000×03	0.5000×03
05	7	18	8	0.2488×01	-0.5000×03	0.5000×03
05	7	18	9	0.2788×01	-0.1000×03	0.5000×03
05	7	18	10	0.3078×01	0.0000×00	0.5000×03
05	7	18	11	0.5898×01	0.0000×00	0.5000×03
05	7	18	12	0.5408×01	0.0000×00	0.5000×03
05	7	18	13	0.6188×01	0.0000×00	0.5000×03
05	7	18	14	0.6148×01	0.0000×00	0.5000×03
05	7	18	15	0.6918×01	0.0000×00	0.5000×03
05	7	18	16	0.5958×01	0.0000×00	0.5000×03
05	7	18	17	0.6958×01	0.0000×00	0.5000×03
05	7	18	18	0.8248×01	0.0000×00	0.5000×03
05	7	18	19	0.1238×02	0.1000×03	0.5000×03
05	7	18	20	0.3948×02	0.1000×03	0.5000×03
05	7	18	21	0.2428×02	0.0000×00	0.5000×03
05	7	18	22	0.2708×02	0.1000×03	0.5000×03
05	7	18	23	0.3428×02	0.1000×03	0.5000×03
05	7	18	24	0.5618×02	0.2000×03	0.5000×03
05	7	19	1	0.4958×02	0.3000×03	0.5000×03
05	7	19	2	0.3008×02	0.2000×03	0.5000×03
05	7	19	3	0.5378×02	0.3000×03	0.5000×03
05	7	19	4	0.5078×02	0.3000×03	0.5000×03
05	7	19	5	0.2478×02	0.4000×03	0.5000×03
05	7	19	7	0.6418×01	0.5000×03	0.3000×03
05	7	19	8	0.1558×02	0.5000×03	0.3000×03

85	?	19	9	0.1000E+02	0.400E+03
85	?	19	10	0.1170E+02	0.300E+03
85	?	19	11	0.9010E+01	0.300E+03
85	?	19	12	0.6790E+01	0.400E+03
85	?	19	13	0.7230E+01	0.200E+03
85	?	19	14	0.6990E+01	0.200E+03
85	?	19	15	0.6670E+01	0.500E+03
85	?	19	16	0.1090E+02	0.500E+03
85	?	19	17	0.1040E+02	-0.100E+03
85	?	19	18	0.1060E+02	-0.100E+03
85	?	19	19	0.1400E+02	0.000E+00
85	?	19	20	0.2930E+02	0.200E+03
85	?	19	21	0.2740E+02	0.200E+03
85	?	19	22	0.6410E+02	0.200E+03
85	?	19	23	0.3950E+02	-0.100E+03
85	?	19	24	0.1770E+02	-0.100E+03
85	?	20	1	0.2010E+02	-0.200E+03
85	?	20	2	0.6560E+02	-0.200E+03
85	?	20	3	0.4110E+02	-0.500E+03
85	?	21	4	0.1960E+03	-0.500E+03
85	?	20	5	0.2540E+03	-0.500E+03
85	?	20	7	0.4060E+02	-0.500E+03
85	?	20	8	0.1550E+02	-0.500E+03
85	?	20	9	0.8130E+01	-0.500E+03
85	?	20	10	0.6230E+01	-0.500E+03
85	?	20	11	0.5770E+01	-0.500E+03
85	?	20	12	0.5060E+01	-0.500E+03
85	?	20	13	0.2990E+01	-0.500E+03
85	?	20	14	0.3410E+01	-0.500E+03
85	?	20	15	0.3420E+01	-0.500E+03
85	?	20	16	0.2930E+01	-0.200E+03
85	?	20	17	0.6040E+01	-0.300E+03
85	?	20	18	0.7870E+01	-0.400E+03
85	?	20	19	0.8820E+01	-0.400E+03
85	?	20	20	0.2730E+02	-0.400E+03
85	?	20	21	0.4570E+02	-0.200E+03
85	?	20	22	0.3960E+03	0.000E+00
85	?	20	23	0.2670E+03	0.200E+03
85	?	20	24	0.2040E+03	0.300E+03
85	?	21	1	0.2060E+03	0.400E+03
85	?	21	2	0.6310E+02	0.500E+03
85	?	21	3	0.4940E+02	0.500E+03
85	?	21	4	0.4940E+02	0.500E+03
85	?	21	5	0.4940E+02	0.500E+03
85	?	21	7	0.9590E+01	0.500E+03
85	?	21	8	0.8440E+01	0.500E+03
85	?	21	9	0.6230E+01	0.500E+03
85	?	21	10	0.8510E+01	0.500E+03
85	?	21	11	0.1300E+02	0.500E+03
85	?	21	12	0.8130E+01	0.500E+03
85	?	21	13	0.6040E+01	0.500E+03
85	?	21	14	0.6290E+01	0.500E+03
85	?	21	15	0.6600E+01	0.500E+03
85	?	21	16	0.6940E+01	0.200E+03
85	?	21	17	0.9600E+01	0.200E+03
85	?	21	18	0.1030E+02	0.200E+03
85	?	21	19	0.1390E+02	0.300E+03
85	?	21	20	0.1700E+02	0.200E+03
85	?	21	21	0.4270E+02	0.200E+03
85	?	21	22	0.2910E+02	0.300E+03
85	?	21	23	0.1710E+03	0.190E+03
85	?	21	24	0.5660E+02	-0.500E+03
85	?	22	1	0.8910E+02	-0.500E+03
85	?	22	2	0.2740E+02	-0.500E+03
85	?	22	3	0.2570E+02	-0.500E+03
85	?	22	4	0.2970E+02	-0.500E+03
85	?	22	5	0.3480E+02	-0.500E+03
85	?	22	7	0.5070E+01	-0.500E+03
85	?	22	8	0.3810E+01	-0.500E+03
85	?	22	9	0.6280E+01	-0.500E+03
85	?	22	10	0.3830E+01	-0.500E+03
85	?	22	11	0.1810E+01	-0.500E+03
85	?	22	12	0.1880E+01	-0.200E+03
85	?	22	13	0.2970E+01	-0.100E+03
85	?	22	14	0.3000E+01	-0.200E+03
85	?	22	15	0.3480E+01	-0.200E+03
85	?	22	16	0.3640E+01	-0.300E+03
85	?	22	17	0.5330E+01	-0.300E+03
85	?	22	18	0.6640E+01	-0.200E+03
85	?	22	19	0.1060E+02	-0.500E+03
85	?	22	20	0.1790E+02	-0.500E+03
85	?	22	21	0.2070E+02	-0.500E+03
85	?	22	22	0.6110E+02	-0.500E+03
85	?	22	23	0.4380E+02	-0.500E+03

85	7	22	24	0.152E+03	-0.400E+03	-0.900E+03
85	7	23	1	0.246E+03	-0.500E+03	-0.400E+03
85	7	23	2	0.244E+03	-0.500E+03	0.100E+03
85	7	23	3	0.254E+03	-0.500E+03	0.300E+03
85	7	23	4	0.270E+03	-0.500E+03	-0.200E+03
85	7	23	5	0.254E+03	-0.300E+03	-0.500E+03
85	7	23	7	0.993E+01	-0.200E+03	-0.500E+03
85	7	23	8	0.217E+01	-0.200E+03	-0.500E+03
85	7	23	9	0.183E+01	-0.500E+03	-0.200E+03
85	7	23	10	0.207E+01	-0.500E+03	-0.100E+03
85	7	23	11	0.211E+01	-0.500E+03	-0.100E+03
85	7	23	12	0.212E+01	-0.500E+03	0.000E+00
85	7	23	13	0.217E+01	-0.500E+03	0.100E+03
85	7	23	14	0.227E+01	0.000E+00	0.500E+03
85	7	23	15	0.356E+01	0.000E+00	0.500E+03
85	7	23	16	0.454E+01	0.000E+00	0.500E+03
85	7	23	17	0.462E+01	0.000E+00	0.500E+03
85	7	23	18	0.674E+01	0.000E+00	0.500E+03
85	7	23	19	0.122E+02	0.100E+03	0.500E+03
85	7	23	20	0.654E+02	0.300E+03	0.500E+03
85	7	23	21	0.263E+03	0.100E+03	0.500E+03
85	7	23	22	0.232E+03	-0.200E+03	0.500E+03
85	7	23	23	0.576E+02	-0.400E+03	0.500E+03
85	7	23	24	0.507E+02	-0.300E+03	0.500E+03
85	7	24	1	0.609E+02	-0.300E+03	0.500E+03
85	7	24	2	0.515E+02	-0.200E+03	0.500E+03
85	7	24	3	0.267E+03	-0.300E+03	0.500E+03
85	7	24	4	0.213E+03	-0.200E+03	0.500E+03
85	7	24	5	0.399E+02	-0.100E+03	0.500E+03
85	7	24	7	0.131E+02	-0.200E+03	0.500E+03
85	7	24	8	0.463E+01	-0.200E+03	0.500E+03
85	7	24	9	0.482E+01	-0.100E+03	0.500E+03
85	7	24	10	0.612E+01	0.000E+00	0.500E+03
85	7	24	11	0.340E+01	0.100E+03	0.500E+03
85	7	24	12	0.439E+01	0.100E+03	0.500E+03
85	7	24	13	0.457E+01	0.100E+03	0.500E+03
85	7	24	14	0.830E+01	0.000E+00	0.500E+03
85	7	24	15	0.858E+01	0.100E+03	0.500E+03
85	7	24	16	0.642E+01	0.100E+03	0.500E+03
85	7	24	17	0.680E+01	0.100E+03	0.500E+03
85	7	24	18	0.817E+01	0.200E+03	0.500E+03
85	7	24	19	0.129E+02	0.000E+00	0.500E+03
85	7	24	20	0.146E+02	-0.100E+03	0.500E+03
85	7	24	21	0.202E+02	-0.300E+03	0.500E+03
85	7	24	22	0.180E+02	-0.200E+03	0.500E+03
85	7	24	23	0.209E+02	0.000E+00	0.500E+03
85	7	24	24	0.165E+02	0.000E+00	0.500E+03
85	7	25	1	0.159E+02	0.100E+03	0.500E+03
85	7	25	2	0.109E+02	0.100E+03	0.500E+03
85	7	25	3	0.988E+01	0.100E+03	0.500E+03
85	7	25	4	0.966E+01	0.200E+03	0.500E+03
85	7	25	5	0.105E+02	0.200E+03	0.500E+03
85	7	25	7	0.966E+01	0.200E+03	0.500E+03
85	7	25	8	0.991E+01	0.200E+03	0.500E+03
85	7	25	9	0.836E+01	0.200E+03	0.500E+03
85	7	25	10	0.981E+01	0.200E+03	0.500E+03
85	7	25	11	0.906E+01	0.100E+03	0.500E+03
85	7	25	12	0.867E+01	0.100E+03	0.500E+03
85	7	25	13	0.813E+01	0.100E+03	0.500E+03
85	7	25	14	0.814E+01	0.100E+03	0.500E+03
85	7	25	15	0.702E+01	0.000E+00	0.500E+03
85	7	25	16	0.676E+01	0.000E+00	0.500E+03
85	7	25	17	0.734E+01	0.100E+03	0.500E+03
85	7	25	18	0.853E+01	0.100E+03	0.500E+03
85	7	25	20	0.120E+02	0.000E+00	0.500E+03
85	7	25	21	0.126E+02	0.000E+00	0.500E+03
85	7	25	22	0.117E+02	0.000E+00	0.500E+03
85	7	25	23	0.184E+02	0.500E+03	-0.100E+03
85	7	25	24	0.157E+02	0.500E+03	0.500E+03
85	7	26	1	0.247E+02	0.500E+03	0.400E+03
85	7	26	2	0.395E+02	0.500E+03	0.100E+03
85	7	26	3	0.527E+02	0.100E+03	-0.500E+03
85	7	26	4	0.193E+02	0.000E+00	-0.500E+03
85	7	26	5	0.315E+02	0.100E+03	-0.500E+03
85	7	26	8	0.953E+01	0.100E+03	-0.500E+03
85	7	26	9	0.794E+01	0.200E+03	-0.500E+03
85	7	26	10	0.733E+01	0.100E+03	-0.500E+03
85	7	26	11	0.316E+01	0.100E+03	-0.500E+03
85	7	26	12	0.360E+01	0.000E+00	-0.500E+03
85	7	26	13	0.313E+01	-0.100E+03	-0.500E+03
85	7	26	14	0.362E+01	-0.100E+03	-0.500E+03
85	7	26	15	0.329E+01	-0.100E+03	-0.500E+03
85	7	26	16	0.505E+01	-0.100E+03	-0.500E+03
85	7	26	17	0.541E+01	-0.100E+03	-0.500E+03

85	7	26	18	0.695E+01	-0.100E+03	-0.540E+03
85	7	26	19	0.113E+02	-0.200E+03	-0.500E+03
85	7	26	20	0.256E+03	-0.400E+03	-0.500E+03
85	7	26	21	0.244E+03	-0.500E+03	-0.500E+03
85	7	26	22	0.254E+03	-0.500E+03	-0.400E+03
85	7	26	23	0.254E+03	-0.400E+03	-0.500E+03
85	7	26	24	0.277E+03	-0.200E+03	-0.500E+03
85	7	27	1	0.280E+03	0.000E+00	-0.500E+03
85	7	27	2	0.275E+03	0.100E+03	-0.500E+03
85	7	27	3	0.270E+03	0.500E+03	-0.200E+03
85	7	27	4	0.254E+03	0.500E+03	-0.300E+03
85	7	27	5	0.267E+03	0.500E+03	-0.300E+03
85	7	27	7	0.204E+02	0.500E+03	-0.500E+03
85	7	27	8	0.993E+01	0.100E+03	-0.500E+03
85	7	27	9	0.326E+01	-0.100E+03	-0.500E+03
85	7	27	10	0.216E+01	0.000E+00	-0.500E+03
85	7	27	11	0.211E+01	0.100E+03	-0.500E+03
85	7	27	12	0.227E+01	0.500E+03	0.000E+00
85	7	27	13	0.244E+01	0.500E+03	0.000E+00
85	7	27	14	0.205E+01	0.200E+03	-0.500E+03
85	7	27	15	0.345E+01	-0.100E+03	-0.500E+03
85	7	27	16	0.225E+01	-0.100E+03	-0.500E+03
85	7	27	17	0.261E+01	-0.500E+03	-0.200E+03
85	7	27	18	0.346E+01	-0.500E+03	-0.300E+03
85	7	27	19	0.880E+01	-0.300E+03	-0.500E+03
85	7	27	20	0.229E+03	-0.400E+03	-0.500E+03
85	7	27	21	0.270E+03	-0.500E+03	-0.200E+03
85	7	27	22	0.277E+03	-0.500E+03	-0.100E+03
85	7	27	23	0.279E+03	-0.500E+03	0.100E+03
85	7	27	24	0.608E+02	-0.500E+03	0.400E+03
85	7	28	1	0.507E+02	-0.300E+03	0.500E+03
85	7	28	2	0.164E+03	-0.200E+03	0.500E+03
85	7	28	3	0.968E+02	-0.100E+03	0.500E+03
85	7	28	4	0.239E+03	-0.100E+03	0.500E+03
85	7	28	5	0.909E+02	0.100E+03	0.500E+03
85	7	28	7	0.176E+02	0.300E+03	0.500E+03
85	7	28	8	0.429E+01	0.600E+03	0.500E+03
85	7	28	9	0.914E+01	0.300E+03	0.500E+03
85	7	28	10	0.323E+01	0.300E+03	0.500E+03
85	7	28	11	0.268E+01	0.300E+03	0.500E+03
85	7	28	12	0.353E+01	0.300E+03	0.500E+03
85	7	28	13	0.355E+01	0.300E+03	0.500E+03
85	7	28	14	0.272E+01	0.200E+03	0.500E+03
85	7	28	15	0.384E+01	0.100E+03	0.500E+03
85	7	28	16	0.493E+01	0.100E+03	0.500E+03
85	7	28	17	0.557E+01	0.100E+03	0.500E+03
85	7	28	18	0.763E+01	0.100E+03	0.500E+03
85	7	28	19	0.114E+02	0.100E+03	0.500E+03
85	7	28	20	0.196E+02	0.100E+03	0.500E+03
85	7	28	21	0.289E+02	0.200E+03	0.500E+03
85	7	28	22	0.388E+02	0.200E+03	0.500E+03
85	7	28	23	0.656E+02	0.300E+03	0.500E+03
85	7	28	24	0.549E+02	0.200E+03	0.500E+03
85	7	29	1	0.232E+03	0.200E+03	0.500E+03
85	7	29	2	0.264E+03	0.300E+03	0.500E+03
85	7	29	3	0.230E+03	0.400E+03	0.500E+03
85	7	29	4	0.152E+03	0.400E+03	0.500E+03
85	7	29	5	0.251E+03	0.500E+03	0.400E+03
85	7	29	7	0.218E+02	0.600E+03	0.500E+03
85	7	29	8	0.465E+01	0.600E+03	0.500E+03
85	7	29	9	0.334E+01	0.300E+03	0.500E+03
85	7	29	10	0.199E+01	0.300E+03	0.500E+03
85	7	29	11	0.192E+01	0.500E+03	0.200E+03
85	7	29	12	0.330E+01	0.500E+03	0.200E+03
85	7	29	13	0.359E+01	0.500E+03	0.200E+03
85	7	29	14	0.468E+01	0.500E+03	0.400E+03
85	7	29	15	0.384E+01	0.500E+03	0.400E+03
85	7	29	16	0.303E+01	0.500E+0	0.300E+03
85	7	29	17	0.370E+01	0.500E+03	0.300E+03
85	7	29	18	0.647E+01	-0.200E+03	-0.500E+03
85	7	29	19	0.137E+02	-0.200E+03	-0.500E+03
85	7	29	20	0.310E+02	-0.300E+03	-0.500E+03
85	7	29	21	0.355E+02	-0.300E+03	-0.500E+03
85	7	29	22	0.247E+02	-0.200E+03	-0.500E+03
85	7	29	23	0.202E+02	-0.300E+03	-0.500E+03
85	7	29	24	0.241E+02	-0.300E+03	-0.500E+03
85	7	30	1	0.156E+03	-0.300E+03	-0.500E+03
85	7	30	2	0.153E+03	-0.300E+03	-0.500E+03
85	7	30	3	0.232E+03	-0.200E+03	-0.500E+03
85	7	30	4	0.213E+03	-0.100E+03	-0.500E+03
85	7	30	5	0.605E+02	0.100E+03	-0.500E+03
85	7	30	7	0.689E+01	-0.300E+03	-0.500E+03
85	7	30	8	0.377E+01	-0.500E+03	-0.400E+03
85	7	30	9	0.588E+01	-0.500E+03	-0.400E+03

```
85  7 30 10  0.483E+01 -0.500E+03 -0.600E+03
85  7 30 11  0.501E+01 -0.400E+03 -0.500E+03
85  7 30 12  0.704E+01 -0.100E+03 -0.500E+03
85  7 30 13  0.671E+01 -0.100E+03 -0.500E+03
85  7 30 14  0.669E+01 -0.100E+03 -0.500E+03
85  7 30 15  0.702E+01 -0.100E+03 -0.500E+03
85  7 30 16  0.403E+01 -0.200E+03 -0.500E+03
85  7 30 17  0.952E+01 -0.200E+03 -0.500E+03
85  7 30 18  0.106E+02 -0.200E+03 -0.500E+03
85  7 30 19  0.224E+02 -0.300E+03 -0.500E+03
85  7 30 20  0.309E+02 -0.200E+03 -0.500E+03
85  7 30 21  0.397E+02 -0.300E+03 -0.500E+03
85  7 30 22  0.450E+02 -0.300E+03 -0.500E+03
85  7 30 23  0.412E+02 -0.400E+03 -0.500E+03
85  7 30 24  0.303E+02 -0.500E+03 -0.400E+03
85  7 31  1  0.412E+02 -0.400E+03 -0.500E+03
85  7 31  2  0.515E+02 -0.500E+03 -0.100E+03
85  7 31  3  0.441E+02 -0.500E+03  0.100E+03
85  7 31  4  0.404E+02 -0.500E+03  0.100E+03
85  7 31  5  0.170E+02 -0.500E+03  0.100E+03
85  7 31  7  0.305E+02 -0.500E+03 -0.200E+03
85  7 31  8  0.156E+02 -0.500E+03 -0.400E+03
85  7 31  9  0.920E+01 -0.500E+03 -0.500E+03
85  7 31 10  0.657E+01 -0.300E+03 -0.500E+03
85  7 31 11  0.609E+01 -0.200E+03 -0.500E+03
85  7 31 12  0.691E+01 -0.200E+03 -0.500E+03
85  7 31 13  0.126E+02 -0.400E+03 -0.500E+03
85  7 31 14  0.145E+02 -0.300E+03 -0.500E+03
85  7 31 15  0.143E+02 -0.300E+03 -0.500E+03
85  7 31 20  0.182E+02 -0.500E+03 -0.600E+03
85  7 31 21  0.344E+02 -0.400E+03 -0.500E+03
85  7 31 22  0.418E+02 -0.400E+03 -0.500E+03
85  7 31 23  0.266E+02 -0.400E+03 -0.500E+03
85  7 31 24  0.170E+02 -0.500E+03 -0.500E+03
```

B-2. Results from OH's Code for Elevated Release

EST				conc	x	y
yr	mh	dy	hr	(ug/m3)	(m)	(m)
85	2	1	1	0.416E-01	0.400E+04	-0.300E+04
85	2	1	2	0.596E+00	0.500E+04	-0.500E+04
85	2	1	3	0.156E+00	0.300E+04	-0.500E+04
85	2	1	4	0.311E+00	0.300E+04	-0.500E+04
85	2	1	5	0.707E+00	0.400E+04	-0.500E+04
85	2	1	6	0.638E-01	0.300E+04	-0.500E+04
85	2	1	7	0.288E-01	0.300E+04	-0.500E+04
85	2	1	8	0.122E+00	0.500E+04	-0.400E+04
85	2	1	9	0.3[illegible]+00	0.500E+04	-0.400E+04
85	2	1	10	0.3[illegible]-01	0.500E+04	-0.400E+04
85	2	1	11	0.532[illegible]-01	0.500E+04	-0.500E+04
85	2	1	12	0.[illegible]9E+00	0.500E+04	-0.500E+04
85	2	1	13	0.2[illegible]E-01	0.400E+04	-0.300E+04
85	2	1	14	0.3[illegible]-01	0.500E+04	-0.300E+04
85	2	1	15	0.31[illegible]-01	0.400E+04	-0.200E+04
85	2	1	16	0.534E-01	0.500E+04	-0.300E+04
85	2	1	17	0.521E-03	0.200E+04	-0.100E+04
85	2	1	18	0.000E+00	-0.500E+04	-0.500E+04
85	2	1	19	0.000E+00	-0.500E+04	-0.500E+04
85	2	1	20	0.000E+00	-0.500E+04	-0.500E+04
85	2	1	21	0.000E+00	-0.500E+04	-0.500E+04
85	2	1	22	0.000E+00	-0.500E+04	-0.500E+04
85	2	1	23	0.000E+00	-0.500E+04	-0.500E+04
85	2	1	24	0.000E+00	-0.500E+04	-0.500E+04
85	2	2	1	0.750E-01	0.500E+04	-0.500E+04
85	2	2	2	0.168E+00	0.400E+04	-0.500E+04
85	2	2	3	0.670E-01	0.200E+04	-0.500E+04
85	2	2	4	0.232E+00	0.100E+04	-0.500E+04
85	2	2	5	0.236E+00	0.100E+04	-0.500E+04
85	2	2	6	0.335E+00	0.200E+04	-0.500E+04
85	2	2	7	0.101E+01	0.200E+04	-0.500E+04
85	2	2	8	0.467E+00	0.100E+04	-0.400E+04
85	2	2	9	0.677E+00	0.100E+04	-0.500E+04
85	2	2	10	0.342E+00	0.100E+04	-0.500E+04
85	2	2	11	0.215E+00	0.100E+04	-0.500E+04
85	2	2	12	0.288E-01	0.200E+04	-0.500E+04
85	2	2	13	0.129E+00	0.400E+04	-0.500E+04
85	2	2	14	0.384E+00	0.500E+04	-0.500E+04
85	2	2	15	0.113E+00	0.400E+04	-0.500E+04
85	2	2	16	0.230E+00	0.500E+04	-0.500E+04
85	2	2	17	0.209E+00	0.500E+04	-0.400E+04
85	2	2	18	0.329E+00	0.500E+04	-0.300E+04
85	2	2	19	0.332E+00	0.500E+04	-0.300E+04
85	2	2	20	0.000E+00	-0.500E+04	-0.500E+04
85	2	2	21	0.000E+00	-0.500E+04	-0.500E+04
85	2	2	22	0.000E+00	-0.500E+04	-0.500E+04
85	2	2	23	0.000E+00	-0.500E+04	-0.500E+04
85	2	2	24	0.000E+00	-0.500E+04	-0.500E+04
85	2	3	1	0.000E+00	-0.500E+04	-0.500E+04
85	2	3	2	0.000E+00	-0.500E+04	-0.500E+04
85	2	3	3	0.000E+00	-0.500E+04	-0.500E+04
85	2	3	4	0.000E+00	-0.500E+04	-0.500E+04
85	2	3	5	0.000E+00	-0.500E+04	-0.500E+04
85	2	3	6	0.000E+00	-0.500E+04	-0.500E+04
85	2	3	7	0.000E+00	-0.500E+04	-0.500E+04
85	2	3	8	0.000E+00	-0.500E+04	-0.500E+04
85	2	3	9	0.000E+00	-0.500E+04	-0.500E+04
85	2	3	10	0.000E+00	-0.500E+04	-0.500E+04
85	2	3	11	0.532E-01	0.400E+04	0.500E+04
85	2	3	12	0.651E-03	0.400E+04	0.500E+04
85	2	3	13	0.395E-04	0.100E+04	0.100E+04
85	2	3	14	0.110E-03	0.300E+04	0.400E+04
85	2	3	15	0.104E-03	0.300E+04	0.500E+04
85	2	3	16	0.304E-03	0.300E+04	0.400E+04
85	2	3	17	0.722E-04	0.200E+04	0.300E+04
85	2	3	18	0.571E-03	0.300E+04	0.500E+04
85	2	3	19	0.137E-04	0.200E+04	0.300E+04
85	2	3	20	0.131E-02	0.400E+04	0.500E+04
85	2	3	21	0.122E-06	0.200E+04	0.200E+04
85	2	3	22	0.117E-03	0.500E+04	0.500E+04
85	2	3	23	0.489E-04	0.500E+04	0.500E+04
85	2	3	24	0.371E-04	0.500E+04	0.400E+04
85	2	4	1	0.000E+00	-0.500E+04	-0.500E+04
85	2	4	2	0.000E+00	-0.500E+04	-0.500E+04
85	2	4	3	0.000E+00	-0.500E+04	-0.500E+04
85	2	4	4	0.000E+00	-0.500E+04	-0.500E+04
85	2	4	5	0.000E+00	-0.500E+04	-0.500E+04
85	2	4	6	0.000E+00	-0.500E+04	-0.500E+04
85	2	4	7	0.000E+00	-0.500E+04	-0.500E+04
85	2	4	8	0.000E+00	-0.500E+04	-0.500E+04

```
85  2  4  9  0.000E+00 -0.500E+04 -0.500E+04
85  2  4 10  0.000E+00 -0.500E+04 -0.500E+04
85  2  4 11  0.000E+00 -0.500E+04 -0.500E+04
85  2  4 12  0.000E+00 -0.500E+04 -0.500E+04
85  2  4 13  0.000E+00 -0.500E+04 -0.500E+04
85  2  4 14  0.000E+00 -0.500E+04 -0.500E+04
85  2  4 15  0.000E+00 -0.500E+04 -0.500E+04
85  2  4 16  0.000E+00 -0.500E+04 -0.500E+04
85  2  4 17  0.000E+00 -0.500E+04 -0.500E+04
85  2  4 18  0.733E+00 -0.100E+04  0.400E+04
85  2  4 19  0.150E+00 -0.100E+04  0.500E+04
85  2  4 20  0.000E+00 -0.500E+04 -0.500E+04
85  2  4 21  0.763E+00  0.100E+04  0.500E+04
85  2  4 22  0.316E+00  0.000E+00  0.300E+04
85  2  4 23  0.327E+00  0.000E+00  0.100E+04
85  2  4 24  0.129E+01 -0.300E+04  0.300E+04
85  2  5  1  0.564E+00 -0.500E+04  0.300E+04
85  2  5  2  0.111E+01 -0.400E+04  0.100E+04
85  2  5  3  0.100E+01 -0.500E+04  0.000E+00
85  2  5  4  0.524E-01 -0.500E+04  0.000E+00
85  2  5  5  0.107E+00 -0.500E+04  0.000E+00
85  2  5  6  0.607E+00 -0.500E+04  0.000E+00
85  2  5  7  0.307E-01 -0.500E+04 -0.100E+04
85  2  5  8  0.503E-01 -0.500E+04 -0.100E+04
85  2  5  9  0.233E+00 -0.500E+04 -0.200E+04
85  2  5 10  0.281E-01 -0.500E+04  0.000E+00
85  2  5 11  0.281E-01 -0.500E+04 -0.100E+04
85  2  5 12  0.469E-01 -0.500E+04 -0.100E+04
85  2  5 13  0.303E-01 -0.400E+04 -0.100E+04
85  2  5 14  0.332E-01 -0.500E+04 -0.200E+04
85  2  5 15  0.330E-01 -0.500E+04 -0.200E+04
85  2  5 16  0.249E-01 -0.500E+04 -0.200E+04
85  2  5 17  0.771E-01 -0.500E+04 -0.300E+04
85  2  5 18  0.404E+00 -0.500E+04 -0.400E+04
85  2  5 19  0.458E+00 -0.500E+04 -0.400E+04
85  2  5 20  0.249E+00 -0.500E+04 -0.400E+04
85  2  5 21  0.840E+00 -0.500E+04 -0.500E+04
85  2  5 22  0.764E+00 -0.500E+04 -0.500E+04
85  2  5 23  0.965E+00 -0.200E+04 -0.200E+04
85  2  5 24  0.739E+00 -0.100E+04 -0.200E+04
85  2  6  1  0.230E+00  0.000E+00 -0.200E+04
85  2  6  2  0.000E+00 -0.500E+04 -0.500E+04
85  2  6  3  0.645E-03  0.000E+00 -0.100E+04
85  2  6  4  0.570E-01 -0.100E+04 -0.100E+04
85  2  6  5  0.637E+00 -0.100E+04 -0.100E+04
85  2  6  6  0.676E+00 -0.100E+04 -0.100E+04
85  2  6  7  0.404E+00 -0.100E+04 -0.100E+04
85  2  6  8  0.500E+00 -0.100E+04 -0.100E+04
85  2  6  9  0.771E+00 -0.100E+04 -0.100E+04
85  2  6 10  0.124E+01 -0.300E+04 -0.200E+04
85  2  6 11  0.199E+00 -0.100E+04  0.000E+00
85  2  6 12  0.000E+00 -0.500E+04 -0.500E+04
85  2  6 13  0.000E+00 -0.500E+04 -0.500E+04
85  2  6 14  0.000E+00 -0.500E+04 -0.500E+04
85  2  6 15  0.740E+00  0.500E+04  0.000E+00
85  2  6 16  0.142E+01  0.300E+04 -0.100E+04
85  2  6 17  0.858E+00  0.200E+04 -0.100E+04
85  2  6 18  0.629E+00  0.500E+04 -0.300E+04
85  2  6 19  0.110E+01  0.400E+04 -0.200E+04
85  2  6 20  0.954E+00  0.400E+04 -0.200E+04
85  2  6 21  0.664E+00  0.500E+04 -0.200E+04
85  2  6 22  0.941E+00  0.500E+04 -0.300E+04
85  2  6 23  0.873E+00  0.500E+04 -0.400E+04
85  2  6 24  0.290E+00  0.500E+04 -0.400E+04
85  2  7  1  0.682E+00  0.300E+04 -0.300E+04
85  2  7  2  0.964E+00  0.500E+04 -0.100E+04
85  2  7  3  0.890E+00  0.500E+04  0.100E+04
85  2  7  4  0.886E+00  0.500E+04  0.200E+04
85  2  7  5  0.286E+00  0.500E+04  0.300E+04
85  2  7  6  0.154E+00  0.500E+04  0.300E+04
85  2  7  7  0.303E-01  0.400E+04  0.100E+04
85  2  7  8  0.181E+00  0.500E+04  0.200E+04
85  2  7  9  0.112E+00  0.500E+04  0.200E+04
85  2  7 10  0.263E-01  0.500E+04  0.100E+04
85  2  7 11  0.299E+00  0.500E+04 -0.200E+04
85  2  7 12  0.319E-01  0.500E+04 -0.300E+04
85  2  7 13  0.104E-03  0.100E+04 -0.300E+04
85  2  7 14  0.403E-04 -0.100E+04 -0.400E+04
85  2  7 15  0.381E-01  0.000E+00 -0.500E+04
85  2  7 16  0.407E+00  0.300E+04 -0.500E+04
85  2  7 17  0.351E+00  0.300E+04 -0.500E+04
85  2  7 18  0.134E-04  0.200E+04 -0.300E+04
85  2  7 19  0.276E-04  0.100E+04 -0.100E+04
85  2  7 20  0.000E+00 -0.500E+04 -0.500E+04
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85  2  7 21  0.000E+00 -0.500E+04 -0.500E+04
85  2  7 22  0.000E+00 -0.500E+04 -0.500E+04
85  2  7 23  0.000E+00 -0.500E+04 -0.500E+04
85  2  7 24  0.588E-05  0.400E+04 -0.300E+04
85  2  8  1  0.443E-05  0.500E+04 -0.400E+04
85  2  8  2  0.389E-04  0.500E+04 -0.400E+04
85  2  8  3  0.173E-04  0.300E+04 -0.200E+04
85  2  8  4  0.354E-04  0.500E+04 -0.300E+04
85  2  8  5  0.710E-05  0.400E+04 -0.200E+04
85  2  8  6  0.443E-04  0.500E+04 -0.200E+04
85  2  8  7  0.139E-04  0.300E+04 -0.100E+04
85  2  8  8  0.923E-04  0.500E+04 -0.200E+04
85  2  8  9  0.679E-04  0.300E+04 -0.100E+04
85  2  8 10  0.440E+00  0.500E+04 -0.300E+04
85  2  8 11  0.104E+01  0.500E+04 -0.300E+04
85  2  8 12  0.208E+01  0.500E+04 -0.300E+04
85  2  8 13  0.234E+01  0.500E+04 -0.200E+04
85  2  8 14  0.257E+01  0.500E+04 -0.200E+04
85  2  8 15  0.488E+01  0.500E+04 -0.200E+04
85  2  8 16  0.290E+01  0.500E+04 -0.200E+04
85  2  8 17  0.175E+01  0.500E+04 -0.200E+04
85  2  8 18  0.155E+01  0.500E+04 -0.100E+04
85  2  8 19  0.520E-04  0.500E+04 -0.100E+04
85  2  8 20  0.206E-04  0.400E+04 -0.100E+04
85  2  8 21  0.975E-05  0.300E+04 -0.100E+04
85  2  8 22  0.164E-03  0.500E+04 -0.200E+04
85  2  8 23  0.834E-05  0.400E+04 -0.200E+04
85  2  8 24  0.420E-04  0.400E+04 -0.200E+04
85  2  9  1  0.346E-04  0.400E+04 -0.200E+04
85  2  9  2  0.111E-04  0.400E+04 -0.200E+04
85  2  9  3  0.849E-04  0.400E+04 -0.200E+04
85  2  9  4  0.165E+01  0.500E+04 -0.300E+04
85  2  9  5  0.677E-03  0.500E+04 -0.300E+04
85  2  9  6  0.883E-05  0.300E+04 -0.200E+04
85  2  9  7  0.151E-02  0.500E+04 -0.400E+04
85  2  9  8  0.219E-03  0.500E+04 -0.500E+04
85  2  9  9  0.823E-05  0.300E+04 -0.200E+04
85  2  9 10  0.126E-03  0.500E+04 -0.400E+04
85  2  9 11  0.747E-04  0.100E+04 -0.100E+04
85  2  9 12  0.368E-05  0.100E+04 -0.100E+04
85  2  9 13  0.181E-03  0.300E+04 -0.400E+04
85  2  9 14  0.664E-04  0.400E+04 -0.500E+04
85  2  9 15  0.481E-04  0.200E+04 -0.300E+04
85  2  9 16  0.220E-04  0.100E+04 -0.100E+04
85  2  9 17  0.201E-03  0.200E+04 -0.100E+04
85  2  9 18  0.000E+00 -0.500E+04 -0.500E+04
85  2  9 19  0.000E+00 -0.500E+04 -0.500E+04
85  2  9 20  0.000E+00 -0.500E+04 -0.500E+04
85  2  9 21  0.000E+00 -0.500E+04 -0.500E+04
85  2  9 22  0.232E-04  0.000E+00  0.100E+04
85  2  9 23  0.144E-04  0.000E+00  0.100E+04
85  2  9 24  0.597E-01  0.100E+04  0.100E+04
85  2 10  1  0.570E+00  0.200E+04  0.300E+04
85  2 10  2  0.488E+00  0.200E+04  0.200E+04
85  2 10  3  0.661E+00  0.100E+04  0.100E+04
85  2 10  4  0.138E-15  0.000E+00  0.100E+04
85  2 10  5  0.000E+00 -0.500E+04 -0.500E+04
85  2 10  6  0.000E+00 -0.500E+04 -0.500E+04
85  2 10  7  0.000E+00 -0.500E+04 -0.500E+04
85  2 10  8  0.117E-09  0.100E+04  0.000E+00
85  2 10  9  0.644E+00  0.000E+00  0.300E+04
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85  2 10 12  0.161E+00 -0.300E+04  0.500E+04
85  2 10 13  0.427E-01 -0.300E+04  0.500E+04
85  2 10 14  0.330E-01 -0.100E+04  0.500E+04
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85  2 10 16  0.906E+00 -0.200E+04  0.500E+04
85  2 10 17  0.710E+00 -0.200E+04  0.500E+04
85  2 10 18  0.108E+01 -0.300E+04  0.300E+04
85  2 10 19  0.105E+01 -0.400E+04  0.300E+04
85  2 10 20  0.592E+00 -0.500E+04  0.300E+04
85  2 10 21  0.901E+00 -0.500E+04  0.200E+04
85  2 10 22  0.586E+00 -0.400E+04  0.000E+00
85  2 10 23  0.244E+00 -0.500E+04  0.100E+04
85  2 10 24  0.128E+00 -0.500E+04  0.100E+04
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85  2 11  3  0.225E+00 -0.500E+04  0.000E+00
85  2 11  4  0.978E-01 -0.500E+04  0.000E+00
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85  2 11  6  0.821E-01 -0.500E+04  0.100E+04
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85  2 11  8  0.706E+00 -0.500E+04  0.300E+04
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85  2 13 24  0.134E+00  0.500E+04  0.100E+04
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85  2 14 14  0.129E+00  0.500E+04  0.300E+04
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85  2 14 22  0.115E+00  0.500E+04  0.100E+04
85  2 14 23  0.523E-05  0.500E+04  0.000E+00
85  2 14 24  0.553E-01  0.500E+04  0.000E+00
85  2 15  1  0.592E-01  0.500E+04  0.100E+04
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85  2 15  3  0.433E-01  0.500E+04  0.000E+00
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85	2	15	10	0.431E-01	0.500E+04	0.000E+00
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85	2	16	2	0.269E-04	0.300E+04	0.200E+04
85	2	16	3	0.243E-04	0.200E+04	0.100E+04
85	2	16	4	0.000E+00	-0.500E+04	-0.500E+04
85	2	16	5	0.760E-04	0.100E+04	0.100E+04
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85	2	18	3	0.000E+00	-0.500E+04	-0.500E+04
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85	2	18	5	0.660E-07	0.200E+04	0.100E+04
85	2	18	6	0.000E+00	-0.500E+04	-0.500E+04
85	2	18	7	0.000E+00	-0.500E+04	-0.500E+04
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85	2	18	15	0.263E+01	0.000E+00	0.500E+04

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85	2	19	1	0.108E+02	0.500E+04	0.100E+04
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85	2	19	24	0.957E-01	0.400E+04	0.500E+04
85	2	20	1	0.467E-01	0.300E+04	0.500E+04
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85	2	20	4	0.553E-01	0.300E+04	0.500E+04
85	2	20	5	0.523E-01	0.300E+04	0.500E+04
85	2	20	6	0.792E-01	0.400E+04	0.500E+04
85	2	20	7	0.000E+00	-0.500E+04	-0.500E+04
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85	2	20	12	0.000E+00	-0.500E+04	-0.500E+04
85	2	20	13	0.670E+00	0.200E+04	0.500E+04
85	2	20	14	0.431E-01	0.000E+00	0.500E+04
85	2	20	15	0.192E-04	0.000E+00	0.200E+04
85	2	20	16	0.926E-04	0.000E+00	0.500E+04
85	2	20	17	0.497E-04	0.000E+00	0.100E+04
85	2	20	18	0.113E-04	0.000E+00	0.100E+04
85	2	20	19	0.342E-04	0.000E+00	0.500E+04
85	2	20	20	0.133E-06	0.000E+00	0.200E+04
85	2	20	21	0.179E-06	0.000E+00	0.200E+04
85	2	20	22	0.346E-05	0.000E+00	0.200E+04
85	2	20	23	0.162E-05	0.000E+00	0.300E+04
85	2	20	24	0.115E-13	-0.100E+04	0.500E+04
85	2	21	1	0.373E-06	-0.100E+04	0.300E+04
85	2	21	2	0.136E+00	-0.100E+04	0.400E+04
85	2	21	3	0.170E+00	0.000E+00	0.500E+04
85	2	21	4	0.106E+00	0.000E+00	0.500E+04
85	2	21	5	0.724E-01	0.000E+00	0.500E+04
85	2	21	6	0.940E-01	0.000E+00	0.500E+04
85	2	21	7	0.865E-01	0.000E+00	0.500E+04
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85	2	21	9	0.786E-01	0.100E+04	0.500E+04
85	2	21	10	0.123E+01	0.100E+04	0.500E+04
85	2	21	11	0.245E+01	0.100E+04	0.500E+04
85	2	21	12	0.509E+01	0.100E+04	0.500E+04
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85	2	21	19	0.104E+02	0.200E+04	0.500E+04
85	2	21	20	0.343E+01	0.200E+04	0.500E+04
85	2	21	21	0.665E+01	0.200E+04	0.500E+04
85	2	21	22	0.359E+01	0.100E+04	0.500E+04
85	2	21	23	0.300E+01	0.100E+04	0.500E+04
85	2	21	24	0.457E+01	0.200E+04	0.500E+04
85	2	22	1	0.578E+01	0.300E+04	0.500E+04
85	2	22	2	0.573E+01	0.300E+04	0.500E+04
85	2	22	3	0.545E+01	0.400E+04	0.500E+04

85	2	22	4	0.142E+01	0.400E+04	0.500E+04
85	2	22	5	0.575E+00	0.500E+04	0.500E+04
85	2	22	6	0.179E+01	0.500E+04	0.500E+04
85	2	22	7	0.403E+00	0.500E+04	0.500E+04
85	2	22	8	0.332E+00	0.500E+04	0.500E+04
85	2	22	9	0.580E+00	0.300E+04	0.500E+04
85	2	22	10	0.115E+01	0.400E+04	0.500E+04
85	2	22	11	0.184E+01	0.300E+04	0.500E+04
85	2	22	12	0.131E+01	0.300E+04	0.500E+04
85	2	22	13	0.233E+01	0.300E+04	0.500E+04
85	2	22	14	0.627E+00	0.300E+04	0.500E+04
85	2	22	15	0.140E+00	0.400E+04	0.500E+04
85	2	22	16	0.624E+00	0.400E+04	0.500E+04
85	2	22	17	0.195E+00	0.400E+04	0.500E+04
85	2	22	18	0.649E-01	0.400E+04	0.500E+04
85	2	22	19	0.113E+00	0.300E+04	0.500E+04
85	2	22	20	0.930E-01	0.300E+04	0.500E+04
85	2	22	21	0.670E-01	0.300E+04	0.500E+04
85	2	22	22	0.573E-01	0.200E+04	0.400E+04
85	2	22	23	0.728E-01	0.200E+04	0.400E+04
85	2	22	24	0.738E-01	0.300E+04	0.500E+04
85	2	23	1	0.101E+00	0.200E+04	0.500E+04
85	2	23	2	0.664E-01	0.200E+04	0.500E+04
85	2	23	3	0.845E-01	0.200E+04	0.500E+04
85	2	23	4	0.519E-01	0.100E+04	0.400E+04
85	2	23	5	0.863E-01	0.100E+04	0.400E+04
85	2	23	6	0.124E+00	0.100E+04	0.500E+04
85	2	23	7	0.180E+00	0.100E+04	0.500E+04
85	2	23	8	0.216E+00	0.100E+04	0.500E+04
85	2	23	9	0.812E+00	0.200E+04	0.500E+04
85	2	23	10	0.140E+01	0.100E+04	0.500E+04
85	2	23	11	0.176E+01	0.200E+04	0.500E+04
85	2	23	12	0.147E+01	0.300E+04	0.500E+04
85	2	23	13	0.140E+01	0.400E+04	0.500E+04
85	2	23	14	0.695E-01	0.300E+04	0.500E+04
85	2	23	15	0.846E-01	0.300E+04	0.500E+04
85	2	23	16	0.798E-01	0.300E+04	0.500E+04
85	2	23	17	0.679E-01	0.200E+04	0.400E+04
85	2	23	18	0.194E+00	0.200E+04	0.500E+04
85	2	23	19	0.108E+00	0.300E+04	0.500E+04
85	2	23	20	0.789E-01	0.200E+04	0.400E+04
85	2	23	21	0.845E+00	0.200E+04	0.300E+04
85	2	23	22	0.689E+00	0.000E+00	0.200E+04
85	2	23	23	0.225E+00	0.000E+00	0.200E+04
85	2	23	24	0.107E+00	-0.100E+04	0.300E+04
85	2	24	1	0.126E+00	0.100E+04	0.500E+04
85	2	24	2	0.246E+00	0.200E+04	0.500E+04
85	2	24	3	0.131E+01	0.200E+04	0.500E+04
85	2	24	4	0.101E+01	0.200E+04	0.500E+04
85	2	24	5	0.110E+01	0.400E+04	0.500E+04
85	2	24	6	0.133E+01	0.300E+04	0.500E+04
85	2	24	7	0.815E+00	0.500E+04	0.500E+04
85	2	24	8	0.112E+01	0.500E+04	0.500E+04
85	2	24	9	0.113E+01	0.400E+04	0.500E+04
85	2	24	10	0.485E+00	0.300E+04	0.500E+04
85	2	24	11	0.437E+00	0.400E+04	0.500E+04
85	2	24	12	0.268E+00	0.400E+04	0.500E+04
85	2	24	13	0.277E+00	0.500E+04	0.400E+04
85	2	24	14	0.504E+00	0.500E+04	-0.400E+04
85	2	24	15	0.542E-01	0.400E+04	-0.200E+04
85	2	24	16	0.241E+01	0.500E+04	-0.300E+04
85	2	24	17	0.380E+00	0.500E+04	-0.200E+04
85	2	24	18	0.686E-01	0.500E+04	-0.200E+04
85	2	24	19	0.293E+00	0.500E+04	-0.200E+04
85	2	24	20	0.949E-01	0.500E+04	-0.200E+04
85	2	24	21	0.180E+00	0.500E+04	-0.200E+04
85	2	24	22	0.267E+00	0.500E+04	-0.200E+04
85	2	24	23	0.159E+00	0.500E+04	-0.200E+04
85	2	24	24	0.743E-01	0.500E+04	-0.100E+04
85	2	25	1	0.252E-01	0.500E+04	-0.100E+04
85	2	25	2	0.553E-01	0.500E+04	-0.100E+04
85	2	25	3	0.476E-01	0.500E+04	-0.100E+04
85	2	25	4	0.818E-01	0.500E+04	0.000E+00
85	2	25	5	0.424E+00	0.400E+04	0.000E+00
85	2	25	6	0.139E+00	0.200E+04	0.000E+00
85	2	25	7	0.543E+00	0.200E+04	0.000E+00
85	2	25	8	0.000E+00	-0.500E+04	-0.500E+04
85	2	25	9	0.000E+00	-0.500E+04	-0.500E+04
85	2	25	10	0.000E+00	-0.500E+04	-0.500E+04
85	2	25	11	0.597E+02	0.400E+04	0.500E+04
85	2	25	12	0.396E+02	0.100E+04	0.500E+04
85	2	25	13	0.208E+02	0.000E+00	0.500E+04
85	2	25	14	0.239E+02	-0.100E+04	0.500E+04
85	2	25	15	0.189E+02	-0.100E+04	0.500E+04

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85  2 25 16  0.858E+01 -0.100E+04  0.500E+04
85  2 25 17  0.497E-01 -0.100E+04  0.500E+04
85  2 25 18  0.544E-01 -0.100E+04  0.500E+04
85  2 25 19  0.694E-01  0.000E+00  0.500E+04
85  2 25 20  0.299E-01  0.100E+04  0.500E+04
85  2 25 21  0.561E-01  0.100E+04  0.500E+04
85  2 25 22  0.348E-01  0.000E+00  0.500E+04
85  2 25 23  0.564E-01 -0.200E+04  0.500E+04
85  2 25 24  0.478E-01 -0.200E+04  0.500E+04
85  2 26  1  0.656E-01 -0.100E+04  0.500E+04
85  2 26  2  0.477E-01  0.000E+00  0.500E+04
85  2 26  3  0.101E+00  0.100E+04  0.500E+04
85  2 26  4  0.226E+00  0.200E+04  0.500E+04
85  2 26  5  0.829E+00  0.300E+04  0.500E+04
85  2 26  6  0.937E+00  0.400E+04  0.500E+04
85  2 26  7  0.974E+00  0.400E+04  0.400E+04
85  2 26 12  0.298E+02  0.200E+04  0.400E+04
85  2 26 13  0.293E+02  0.300E+04  0.400E+04
85  2 26 14  0.296E+02  0.200E+04  0.500E+04
85  2 26 15  0.286E+02  0.200E+04  0.500E+04
85  2 26 16  0.745E+01  0.200E+04  0.500E+04
85  2 26 17  0.179E+01  0.200E+04  0.500E+04
85  2 26 18  0.847E+00  0.200E+04  0.500E+04
85  2 26 19  0.258E+01  0.200E+04  0.500E+04
85  2 26 20  0.267E+01  0.200E+04  0.500E+04
85  2 26 21  0.132E+01  0.300E+04  0.500E+04
85  2 26 22  0.127E+01  0.300E+04  0.500E+04
85  2 26 23  0.922E-01  0.500E+04  0.400E+04
85  2 26 24  0.576E-01  0.500E+04 -0.100E+04
85  2 27  1  0.597E-01  0.500E+04 -0.200E+04
85  2 27  2  0.476E-01  0.500E+04 -0.100E+04
85  2 27  3  0.799E-01  0.400E+04 -0.200E+04
85  2 27  4  0.491E+01  0.500E+04 -0.500E+04
85  2 27  5  0.766E+01  0.500E+04 -0.400E+04
85  2 27  6  0.342E+01  0.400E+04 -0.200E+04
85  2 27  7  0.821E+01  0.500E+04 -0.400E+04
85  2 27  8  0.900E+01  0.500E+04 -0.300E+04
85  2 27  9  0.895E+01  0.500E+04 -0.400E+04
85  2 27 10  0.531E+01  0.500E+04 -0.500E+04
85  2 27 11  0.496E+01  0.500E+04 -0.500E+04
85  2 27 12  0.665E+01  0.500E+04 -0.500E+04
85  2 27 13  0.166E+01  0.500E+04 -0.500E+04
85  2 27 14  0.130E+01  0.500E+04 -0.500E+04
85  2 27 15  0.233E-04  0.300E+04 -0.400E+04
85  2 27 16  0.306E-05  0.100E+04 -0.200E+04
85  2 27 17  0.000E+00 -0.500E+04 -0.500E+04
85  2 27 18  0.000E+00 -0.500E+04 -0.500E+04
85  2 27 19  0.000E+00 -0.500E+04 -0.500E+04
85  2 27 20  0.000E+00 -0.500E+04 -0.500E+04
85  2 27 21  0.000E+00 -0.500E+04 -0.500E+04
85  2 27 22  0.000E+00 -0.500E+04 -0.500E+04
85  2 27 23  0.000E+00 -0.500E+04 -0.500E+04
85  2 27 24  0.000E+00 -0.500E+04 -0.500E+04
85  2 28  1  0.000E+00 -0.500E+04 -0.500E+04
85  2 28  2  0.000E+00 -0.500E+04 -0.500E+04
85  2 28  3  0.000E+00 -0.500E+04 -0.500E+04
85  2 28  4  0.000E+00 -0.500E+04 -0.500E+04
85  2 28  5  0.777E-05  0.100E+04  0.100E+04
85  2 28  6  0.577E-04  0.300E+04  0.400E+04
85  2 28  7  0.439E-05  0.200E+04  0.300E+04
85  2 28  8  0.137E+01  0.300E+04  0.500E+04
85  2 28  9  0.313E+01  0.300E+04  0.500E+04
85  2 28 10  0.539E+01  0.300E+04  0.500E+04
85  2 28 11  0.416E+01  0.300E+04  0.500E+04
85  2 28 12  0.539E+01  0.300E+04  0.500E+04
85  2 28 13  0.384E+01  0.200E+04  0.400E+04
85  2 28 14  0.639E+01  0.200E+04  0.400E+04
85  2 28 15  0.113E+02  0.200E+04  0.400E+04
85  2 28 16  0.580E+01  0.300E+04  0.500E+04
85  2 28 17  0.957E+01  0.300E+04  0.500E+04
85  2 28 18  0.420E+01  0.200E+04  0.500E+04
85  2 28 19  0.110E+02  0.300E+04  0.500E+04
85  2 28 20  0.840E+01  0.300E+04  0.500E+04
85  2 28 21  0.796E+01  0.300E+04  0.500E+04
85  2 28 22  0.560E+01  0.300E+04  0.500E+04
85  2 28 23  0.797E+01  0.300E+04  0.500E+04
85  2 28 24  0.560E+01  0.300E+04  0.500E+04
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EST				conc	x	y
yr	mh	dy	hr	(ug/m3)	(m)	(m)
85	7	1	1	0.000E+00	-0.500E+04	-0.500E+04
85	7	1	2	0.000E+00	-0.500E+04	-0.500E+04
85	7	1	3	0.000E+00	-0.500E+04	-0.500E+04
85	7	1	4	0.000E+00	-0.500E+04	-0.500E+04
85	7	1	5	0.000E+00	-0.500E+04	-0.500E+04
85	7	1	7	0.000E+00	-0.500E+04	-0.500E+04
85	7	1	8	0.750E+01	-0.500E+04	-0.400E+04
85	7	1	9	0.110E+03	-0.500E+04	-0.500E+04
85	7	1	10	0.612E+02	-0.100E+04	-0.500E+04
85	7	1	11	0.502E+02	0.000E+00	-0.200E+04
85	7	1	12	0.584E+02	-0.100E+04	-0.300E+04
85	7	1	13	0.596E+02	0.000E+00	-0.200E+04
85	7	1	14	0.563E+02	-0.100E+04	-0.100E+04
85	7	1	15	0.408E+02	-0.200E+04	-0.100E+04
85	7	1	16	0.366E+02	-0.300E+04	0.100E+04
85	7	1	17	0.323E+02	-0.500E+04	0.200E+04
85	7	1	18	0.330E+02	-0.300E+04	0.500E+04
85	7	1	19	0.144E+02	-0.100E+04	0.500E+04
85	7	1	20	0.110E+01	0.200E+04	0.500E+04
85	7	1	21	0.144E+01	0.200E+04	0.400E+04
85	7	1	22	0.120E+01	0.100E+04	0.200E+04
85	7	1	23	0.129E+01	0.100E+04	0.500E+04
85	7	1	24	0.420E+00	0.000E+00	0.500E+04
85	7	2	1	0.000E+00	-0.500E+04	-0.500E+04
85	7	2	2	0.250E+00	0.100E+04	0.100E+04
85	7	2	3	0.145E+00	0.100E+04	0.100E+04
85	7	2	4	0.785E-01	0.100E+04	0.000E+00
85	7	2	5	0.207E-01	0.100E+04	0.000E+00
85	7	2	7	0.000E+00	-0.500E+04	-0.500E+04
85	7	2	8	0.000E+00	-0.500E+04	-0.500E+04
85	7	2	9	0.726E+02	-0.100E+04	0.500E+04
85	7	2	10	0.624E+02	0.000E+00	0.500E+04
85	7	2	11	0.556E+02	0.000E+00	0.400E+04
85	7	2	12	0.612E+02	0.100E+04	0.300E+04
85	7	2	13	0.669E+02	0.200E+04	0.200E+04
85	7	2	14	0.509E+02	0.200E+04	-0.100E+04
85	7	2	15	0.472E+02	0.200E+04	0.100E+04
85	7	2	16	0.453E+02	0.100E+04	0.200E+04
85	7	2	17	0.590E-01	0.300E+04	0.500E+04
85	7	2	18	0.123E+00	0.200E+04	0.500E+04
85	7	2	19	0.111E+01	0.500E+04	0.100E+04
85	7	2	20	0.867E+00	0.100E+04	0.000E+00
85	7	2	21	0.000E+00	-0.500E+04	-0.500E+04
85	7	2	22	0.162E+01	0.000E+00	0.300E+04
85	7	2	23	0.555E-02	0.100E+04	0.100E+04
85	7	2	24	0.000E+00	-0.500E+04	-0.500E+04
85	7	3	1	0.000E+00	-0.500E+04	-0.500E+04
85	7	3	2	0.000E+00	-0.500E+04	-0.500E+04
85	7	3	3	0.000E+00	-0.500E+04	-0.500E+04
85	7	3	4	0.000E+00	-0.500E+04	-0.500E+04
85	7	3	5	0.000E+00	-0.500E+04	-0.500E+04
85	7	3	7	0.000E+00	-0.500E+04	-0.500E+04
85	7	3	8	0.000E+00	-0.500E+04	-0.500E+04
85	7	3	9	0.806E+02	0.000E+00	-0.100E+04
85	7	3	10	0.904E+02	0.100E+04	-0.100E+04
85	7	3	11	0.889E+02	0.100E+04	-0.100E+04
85	7	3	12	0.716E+02	0.100E+04	-0.100E+04
85	7	3	13	0.860E+02	0.000E+00	-0.100E+04
85	7	3	14	0.895E+02	0.100E+04	0.000E+00
85	7	3	15	0.913E+02	0.100E+04	0.000E+00
85	7	3	16	0.750E+02	0.100E+04	0.000E+00
85	7	3	17	0.661E+02	0.100E+04	0.000E+00
85	7	3	18	0.518E+02	0.200E+04	0.100E+04
85	7	3	19	0.330E+02	0.200E+04	0.200E+04
85	7	3	20	0.000E+00	-0.500E+04	-0.500E+04
85	7	3	21	0.000E+00	-0.500E+04	-0.500E+04
85	7	3	22	0.000E+00	-0.500E+04	-0.500E+04
85	7	3	23	0.000E+00	-0.500E+04	-0.500E+04
85	7	3	24	0.000E+00	-0.500E+04	-0.500E+04
85	7	4	1	0.000E+00	-0.500E+04	-0.500E+04
85	7	4	2	0.000E+00	-0.500E+04	-0.500E+04
85	7	4	3	0.000E+00	-0.500E+04	-0.500E+04
85	7	4	4	0.000E+00	-0.500E+04	-0.500E+04
85	7	4	5	0.000E+00	-0.500E+04	-0.500E+04
85	7	4	7	0.519E+00	0.200E+04	0.500E+04
85	7	4	8	0.184E+01	0.100E+04	0.300E+04
85	7	4	9	0.000E+00	-0.500E+04	-0.500E+04
85	7	4	10	0.496E+02	0.000E+00	0.500E+04
85	7	4	11	0.502E+02	0.000E+00	0.300E+04

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85  7  4 12  0.399E+02  0.100E+04  0.400E+04
85  7  4 13  0.477E+02  0.100E+04  0.400E+04
85  7  4 14  0.469E+02  0.100E+04  0.400E+04
85  7  4 15  0.522E+02  0.100E+04  0.200E+04
85  7  4 16  0.331E+02  0.100E+04  0.500E+04
85  7  4 17  0.285E+02  0.100E+04  0.500E+04
85  7  4 18  0.281E+01  0.000E+00  0.500E+04
85  7  4 19  0.313E+01  0.000E+00  0.500E+04
85  7  4 20  0.102E-01  0.000E+00  0.500E+04
85  7  4 21  0.391E-05  0.000E+00  0.500E+04
85  7  4 22  0.234E-06  0.000E+00  0.500E+04
85  7  4 23  0.219E-08  0.000E+00  0.100E+04
85  7  4 24  0.475E-05  0.100E+04  0.500E+04
85  7  5  1  0.134E+01  0.200E+04  0.500E+04
85  7  5  2  0.139E+01  0.100E+04  0.500E+04
85  7  5  3  0.104E+01  0.100E+04  0.500E+04
85  7  5  4  0.165E+01  0.100E+04  0.500E+04
85  7  5  5  0.131E+00  0.500E+04  0.000E+00
85  7  5  7  0.000E+00 -0.500E+04 -0.500E+04
85  7  5  8  0.454E+02 -0.300E+04  0.500E+04
85  7  5  9  0.149E+00 -0.300E+04  0.500E+04
85  7  5 10  0.162E+01 -0.200E+04  0.500E+04
85  7  5 11  0.274E+01  0.000E+00  0.500E+04
85  7  5 12  0.377E+01  0.100E+04  0.500E+04
85  7  5 13  0.125E+02  0.100E+04  0.500E+04
85  7  5 14  0.129E+02  0.100E+04  0.500E+04
85  7  5 15  0.155E+02  0.100E+04  0.500E+04
85  7  5 16  0.630E+01  0.100E+04  0.500E+04
85  7  5 17  0.204E+01  0.200E+04  0.500E+04
85  7  5 18  0.364E-01  0.100E+04  0.500E+04
85  7  5 19  0.845E-01  0.000E+00  0.500E+04
85  7  5 20  0.712E-01 -0.100E+04  0.500E+04
85  7  5 21  0.276E+00  0.000E+00  0.200E+04
85  7  5 22  0.368E-01 -0.100E+04  0.400E+04
85  7  5 23  0.900E+00 -0.100E+04  0.500E+04
85  7  5 24  0.458E-01  0.200E+04  0.500E+04
85  7  6  1  0.216E-04  0.200E+04  0.400E+04
85  7  6  2  0.121E+01  0.300E+04  0.400E+04
85  7  6  3  0.000E+00 -0.500E+04 -0.500E+04
85  7  6  4  0.129E+01  0.300E+04  0.300E+04
85  7  6  5  0.701E+00  0.300E+04  0.200E+04
85  7  6  7  0.186E+02  0.500E+04  0.300E+04
85  7  6  8  0.468E+02  0.600E+04  0.100E+04
85  7  6  9  0.637E+02  0.500E+04  0.100E+04
85  7  6 10  0.627E+02  0.400E+04 -0.100E+04
85  7  6 11  0.459E+02  0.300E+04  0.000E+00
85  7  6 12  0.643E+02  0.200E+04  0.000E+00
85  7  6 13  0.633E+02  0.200E+04  0.000E+00
85  7  6 14  0.590E+02  0.200E+04  0.000E+00
85  7  6 15  0.356E+02  0.300E+04  0.000E+00
85  7  6 16  0.563E+02  0.200E+04  0.000E+00
85  7  6 17  0.353E+02  0.200E+04  0.000E+00
85  7  6 18  0.313E+01  0.500E+04 -0.100E+04
85  7  6 19  0.760E+00  0.500E+04 -0.200E+04
85  7  6 20  0.207E-04  0.400E+04 -0.300E+04
85  7  6 21  0.000E+00 -0.500E+04 -0.500E+04
85  7  6 22  0.000E+00 -0.500E+04 -0.500E+04
85  7  6 23  0.000E+00 -0.500E+04 -0.500E+04
85  7  6 24  0.000E+00 -0.500E+04 -0.500E+04
85  7  7  1  0.000E+00 -0.500E+04 -0.500E+04
85  7  7  2  0.876E-04  0.500E+04 -0.400E+04
85  7  7  3  0.168E-03  0.300E+04 -0.200E+04
85  7  7  4  0.746E-04  0.400E+04 -0.300E+04
85  7  7  5  0.872E+00  0.500E+04 -0.500E+04
85  7  7  7  0.129E+01  0.400E+04 -0.400E+04
85  7  7  8  0.284E+00  0.500E+04 -0.500E+04
85  7  7  9  0.916E-01  0.500E+04 -0.400E+04
85  7  7 10  0.480E+02  0.500E+04 -0.300E+04
85  7  7 11  0.634E+02  0.100E+04 -0.100E+04
85  7  7 12  0.705E+02  0.100E+04 -0.100E+04
85  7  7 13  0.729E+02  0.100E+04 -0.100E+04
85  7  7 14  0.678E+02  0.100E+04 -0.100E+04
85  7  7 15  0.719E+02  0.100E+04 -0.100E+04
85  7  7 16  0.671E+02  0.100E+04  0.000E+00
85  7  7 17  0.530E+02  0.100E+04  0.000E+00
85  7  7 18  0.349E+02  0.200E+04  0.200E+04
85  7  7 19  0.205E+02  0.300E+04  0.500E+04
85  7  7 20  0.100E+01  0.200E+04  0.500E+04
85  7  7 21  0.497E-01  0.000E+00  0.500E+04
85  7  7 22  0.422E+00 -0.100E+04  0.500E+04
85  7  7 23  0.397E-01 -0.100E+04  0.500E+04
85  7  7 24  0.125E+01 -0.200E+04  0.500E+04
85  7  8  1  0.509E+00  0.000E+00  0.500E+04
85  7  8  2  0.187E+00  0.200E+04  0.900E+04
```

```
05  7  8  3  0.2678-04  0.5000E+04  0.5000E+04
05  7  8  4  0.0000E+00 -0.5000E+04 -0.5000E+04
05  7  8  5  0.0000E+00 -0.5000E+04 -0.5000E+04
05  7  8  7  0.0000E+00 -0.5000E+04 -0.5000E+04
05  7  8  8  0.1068E+03  0.5000E+04  0.0000E+00
05  7  8  9  0.1068E+03  0.5000E+04 -0.1000E+04
05  7  8 10  0.7668E+02  0.2000E+04 -0.1000E+04
05  7  8 11  0.7548E+02  0.2000E+04 -0.1000E+04
05  7  8 12  0.8498E+02  0.2000E+04 -0.1000E+04
05  7  8 13  0.7938E+02  0.2000E+04 -0.1000E+04
05  7  8 14  0.8478E+02  0.1000E+04 -0.1000E+04
05  7  8 15  0.9338E+02  0.0000E+00 -0.1000E+04
05  7  8 16  0.8938E+02  0.0000E+00 -0.1000E+04
05  7  8 17  0.9898E+02  0.0000E+00 -0.1000E+04
05  7  8 18  0.6438E+02 -0.1000E+04 -0.3000E+04
05  7  8 19  0.2758E+02 -0.5000E+04 -0.6000E+04
05  7  8 20  0.7868E+00 -0.1000E+04 -0.1000E+04
05  7  8 21  0.0000E+00 -0.5000E+04 -0.5000E+04
05  7  8 22  0.0000E+00 -0.5000E+04 -0.5000E+04
05  7  8 23  0.0000E+00 -0.5000E+04 -0.5000E+04
05  7  8 24  0.0000E+00 -0.5000E+04 -0.5000E+04
05  7  9  1  0.6948E+00 -0.1000E+04 -0.1000E+04
05  7  9  2  0.0000E+00 -0.5000E+04 -0.5000E+04
05  7  9  3  0.0000E+00 -0.5000E+04 -0.5000E+04
05  7  9  4  0.0000E+00 -0.5000E+04 -0.5000E+04
05  7  9  5  0.0000E+00 -0.5000E+04 -0.5000E+04
05  7  9  7  0.0000E+00 -0.5000E+04 -0.5000E+04
05  7  9  8  0.1318E+03  0.1000E+04 -0.6000E+04
05  7  9  9  0.9178E+02  0.1000E+04 -0.5000E+04
05  7  9 10  0.8118E+02  0.1000E+04 -0.1000E+04
05  7  9 11  0.8458E+02  0.1000E+04 -0.1000E+04
05  7  9 12  0.7958E+02  0.1000E+04 -0.1000E+04
05  7  9 13  0.7538E+02  0.1000E+04 -0.1000E+04
05  7  9 14  0.5838E+02  0.1000E+04 -0.2000E+04
05  7  9 15  0.7548E+02  0.1000E+04 -0.1000E+04
05  7  9 16  0.6038E+02  0.1000E+04 -0.1000E+04
05  7  9 17  0.5098E+02  0.2000E+04 -0.1000E+04
05  7  9 18  0.5098E+02  0.3000E+04 -0.1000E+04
05  7  9 19  0.3538E+02  0.5000E+04  0.2000E+04
05  7  9 20  0.0000E+00 -0.5000E+04 -0.5000E+04
05  7  9 21  0.0000E+00 -0.5000E+04 -0.5000E+04
05  7  9 22  0.1248-10  0.1000E+04  0.1000E+04
05  7  9 23  0.9128-15  0.1000E+04 -0.1000E+04
05  7  9 24  0.4278-14  0.0000E+00 -0.1000E+04
05  7 10  1  0.2228-16 -0.1000E+04  0.0000E+00
05  7 10  2  0.1428-17  0.1000E+04 -0.1000E+04
05  7 10  3  0.0000E+00 -0.5000E+04 -0.5000E+04
05  7 10  4  0.1198E+01 -0.2000E+04 -0.3000E+04
05  7 10  5  0.1308E+01 -0.2000E+04 -0.3000E+04
05  7 10  7  0.1098E+01 -0.3000E+04 -0.5000E+04
05  7 10  8  0.9728E+02 -0.1000E+04 -0.6000E+04
05  7 10  9  0.8528E+02 -0.1000E+04 -0.5000E+04
05  7 10 10  0.5008E+02 -0.1000E+04 -0.4000E+04
05  7 10 11  0.5248E+02 -0.1000E+04 -0.3000E+04
05  7 10 12  0.5008E+02 -0.1000E+04 -0.3000E+04
05  7 10 13  0.7138E+02 -0.1000E+04 -0.2000E+04
05  7 10 14  0.6758E+02 -0.1000E+04 -0.2000E+04
05  7 10 15  0.6228E+02 -0.1000E+04 -0.2000E+04
05  7 10 16  0.6098E+02 -0.1000E+04 -0.2000E+04
05  7 10 17  0.7108E+02 -0.1000E+04 -0.1000E+04
05  7 10 18  0.5468E+02 -0.2000E+04 -0.1000E+04
05  7 10 19  0.3598E+02 -0.5000E+04 -0.1000E+04
05  7 10 20  0.0000E+00 -0.5000E+04 -0.5000E+04
05  7 10 21  0.0000E+00 -0.5000E+04 -0.5000E+04
05  7 10 22  0.0000E+00 -0.5000E+04 -0.5000E+04
05  7 10 23  0.6588-09  0.0000E+00  0.1000E+04
05  7 10 24  0.0000E+00 -0.5000E+04 -0.5000E+04
05  7 11  1  0.0000E+00 -0.5000E+04 -0.5000E+04
05  7 11  2  0.0000E+00 -0.5000E+04 -0.5000E+04
05  7 11  3  0.2098-05  0.4000E+04 -0.3000E+04
05  7 11  4  0.1468E+00  0.1000E+04 -0.5000E+04
05  7 11  5  0.0000E+00 -0.5000E+04 -0.5000E+04
05  7 11  7  0.6508E+02  0.1000E+04 -0.5000E+04
05  7 11  8  0.8408E+02  0.0000E+00 -0.6000E+04
05  7 11  9  0.9018E+02 -0.1000E+04 -0.6000E+04
05  7 11 10  0.1068E+03  0.0000E+00 -0.2000E+04
05  7 11 11  0.8928E+02  0.0000E+00 -0.1000E+04
05  7 11 12  0.9418E+02  0.0000E+00 -0.1000E+04
05  7 11 13  0.1298E+03 -0.1000E+04 -0.2000E+04
05  7 11 14  0.9208E+02  0.0000E+00  0.1000E+04
05  7 11 15  0.7378E+02  0.1000E+04  0.1000E+04
05  7 11 16  0.6958E+02  0.0000E+00  0.1000E+04
05  7 11 17  0.5698E+02  0.0000E+00  0.1000E+04
05  7 11 18  0.5808E+03  0.1000E+04  0.1000E+04
```

85	7	11	19	0.307E+02	0.000E+00	0.300E+04
85	7	11	20	0.000E+00	-0.500E+04	-0.500E+04
85	7	11	21	0.112E+01	-0.300E+04	0.500E+04
85	7	11	22	0.793E-01	-0.200E+04	0.500E+04
85	7	11	23	0.610E-01	-0.200E+04	0.500E+04
85	7	11	24	0.103E+01	-0.200E+04	0.500E+04
85	7	12	1	0.223E+00	-0.100E+04	0.100E+04
85	7	12	2	0.000E+00	-0.500E+04	-0.500E+04
85	7	12	3	0.000E+00	-0.500E+04	-0.500E+04
85	7	12	4	0.000E+00	-0.500E+04	-0.500E+04
85	7	12	5	0.000E+00	-0.500E+04	-0.500E+04
85	7	12	7	0.000E+00	-0.500E+04	-0.500E+04
85	7	12	8	0.000E+00	-0.500E+04	-0.500E+04
85	7	12	9	0.923E+02	0.000E+00	-0.200E+04
85	7	12	10	0.675E+02	-0.100E+04	-0.200E+04
85	7	12	11	0.101E+03	0.000E+00	-0.100E+04
85	7	12	12	0.675E+02	-0.100E+04	-0.100E+04
85	7	12	13	0.925E+02	0.000E+00	-0.100E+04
85	7	12	14	0.827E+02	0.000E+00	-0.100E+04
85	7	12	15	0.823E+02	-0.100E+04	0.000E+00
85	7	12	16	0.875E+02	-0.100E+04	0.000E+00
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85	7	12	18	0.745E+02	-0.100E+04	0.000E+00
85	7	12	19	0.395E+02	0.100E+04	0.200E+04
85	7	12	20	0.000E+00	-0.500E+04	-0.500E+04
85	7	12	21	0.000E+00	-0.500E+04	-0.500E+04
85	7	12	22	0.000E+00	-0.500E+04	-0.500E+04
85	7	12	23	0.000E+00	-0.500E+04	-0.500E+04
85	7	12	24	0.000E+00	-0.500E+04	-0.500E+04
85	7	13	1	0.113E-04	-0.100E+04	0.400E+04
85	7	13	2	0.000E+00	-0.500E+04	-0.500E+04
85	7	13	3	0.000E+00	-0.500E+04	-0.500E+04
85	7	13	4	0.000E+00	-0.500E+04	-0.500E+04
85	7	13	5	0.000E+00	-0.500E+04	-0.500E+04
85	7	13	7	0.168E+00	-0.100E+04	0.500E+04
85	7	13	8	0.508E-01	0.000E+00	0.500E+04
85	7	13	9	0.587E+02	0.000E+00	0.300E+04
85	7	13	10	0.767E+02	0.000E+00	0.200E+04
85	7	13	11	0.690E+02	0.000E+00	0.100E+04
85	7	13	12	0.744E+02	0.000E+00	0.100E+04
85	7	13	13	0.790E+02	0.000E+00	0.100E+04
85	7	13	14	0.539E+02	0.000E+00	0.200E+04
85	7	13	15	0.451E+02	0.100E+04	0.300E+04
85	7	13	16	0.291E+02	0.100E+04	0.300E+04
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85	7	13	18	0.264E+02	0.100E+04	0.500E+04
85	7	13	19	0.150E+02	0.100E+04	0.500E+04
85	7	13	20	0.138E+02	0.100E+04	0.500E+04
85	7	13	21	0.288E+01	0.100E+04	0.500E+04
85	7	13	22	0.394E+01	0.200E+04	0.500E+04
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85	7	13	24	0.281E+02	0.200E+04	0.500E+04
85	7	14	1	0.269E+02	0.300E+04	0.500E+04
85	7	14	2	0.170E+02	0.300E+04	0.500E+04
85	7	14	3	0.376E+01	0.500E+04	0.500E+04
85	7	14	4	0.295E+00	0.500E+04	0.400E+04
85	7	14	5	0.823E-01	0.500E+04	0.300E+04
85	7	14	8	0.244E+00	0.500E+04	0.300E+04
85	7	14	9	0.640E+02	0.500E+04	0.400E+04
85	7	14	10	0.549E+02	0.500E+04	0.500E+04
85	7	14	11	0.698E+02	0.200E+04	0.100E+04
85	7	14	12	0.555E+02	0.200E+04	0.000E+00
85	7	14	13	0.829E+02	0.100E+04	0.000E+00
85	7	14	14	0.597E+02	0.200E+04	0.000E+00
85	7	14	15	0.618E+02	0.100E+04	0.000E+00
85	7	14	16	0.827E+02	0.100E+04	0.000E+00
85	7	14	17	0.907E+02	0.100E+04	0.000E+00
85	7	14	18	0.731E+02	0.100E+04	0.100E+04
85	7	14	19	0.310E+02	0.200E+04	0.500E+04
85	7	14	20	0.704E-05	0.100E+04	0.300E+04
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85	7	14	22	0.000E+00	-0.500E+04	-0.500E+04
85	7	14	23	0.000E+00	-0.500E+04	-0.500E+04
85	7	14	24	0.000E+00	-0.500E+04	-0.500E+04
85	7	15	1	0.000E+00	-0.500E+04	-0.500E+04
85	7	15	2	0.000E+00	-0.500E+04	-0.500E+04
85	7	15	3	0.000E+00	-0.500E+04	-0.500E+04
85	7	15	4	0.935E+00	0.500E+04	0.400E+04
85	7	15	5	0.000E+00	-0.500E+04	-0.500E+04
85	7	15	11	0.109E+03	0.200E+04	-0.500E+04
85	7	15	12	0.167E+03	-0.100E+04	-0.400E+04
85	7	15	13	0.180E+03	0.300E+04	0.000E+00
85	7	15	14	0.836E+02	0.500E+04	-0.100E+04
85	7	15	15	0.789E+02	0.200E+04	0.000E+00

85	7	15	16	0.768E+02	-0.200E+04	-0.100E+04
85	7	15	17	0.869E+02	-0.300E+04	-0.500E+04
85	7	15	18	0.820E+02	-0.500E+04	-0.500E+04
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85	7	15	21	0.000E+00	-0.500E+04	-0.500E+04
85	7	15	22	0.000E+00	-0.500E+04	-0.500E+04
85	7	15	23	0.000E+00	-0.500E+04	-0.500E+04
85	7	15	24	0.000E+00	-0.500E+04	-0.500E+04
85	7	16	1	0.000E+00	-0.500E+04	-0.500E+04
85	7	16	2	0.000E+00	-0.500E+04	-0.500E+04
85	7	16	3	0.000E+00	-0.500E+04	-0.500E+04
85	7	16	4	0.000E+00	-0.500E+04	-0.500E+04
85	7	16	5	0.000E+00	-0.500E+04	-0.500E+04
85	7	16	7	0.806E-01	0.500E+04	-0.300E+04
85	7	16	8	0.112E+03	0.500E+04	-0.400E+04
85	7	16	9	0.813E+02	0.200E+04	-0.500E+04
85	7	16	10	0.694E+02	0.000E+00	-0.200E+04
85	7	16	11	0.420E+02	0.100E+04	-0.300E+04
85	7	16	12	0.630E+02	0.100E+04	-0.200E+04
85	7	16	13	0.487E+02	0.100E+04	-0.200E+04
85	7	16	14	0.859E+02	0.000E+00	-0.100E+04
85	7	16	15	0.610E+02	-0.100E+04	-0.100E+04
85	7	16	16	0.708E+02	-0.100E+04	-0.100E+04
85	7	16	17	0.665E+02	-0.100E+04	-0.100E+04
85	7	16	18	0.478E+02	-0.100E+04	-0.100E+04
85	7	16	19	0.262E+02	-0.300E+04	-0.400E+04
85	7	16	20	0.000E+00	-0.500E+04	-0.500E+04
85	7	16	21	0.000E+00	-0.500E+04	-0.500E+04
85	7	16	22	0.000E+00	-0.500E+04	-0.500E+04
85	7	16	23	0.000E+00	-0.500E+04	-0.500E+04
85	7	16	24	0.000E+00	-0.500E+04	-0.500E+04
85	7	17	1	0.000E+00	-0.500E+04	-0.500E+04
85	7	17	2	0.000E+00	-0.500E+04	-0.500E+04
85	7	17	3	0.000E+00	-0.500E+04	-0.500E+04
85	7	17	4	0.000E+00	-0.500E+04	-0.500E+04
85	7	17	5	0.000E+00	-0.500E+04	-0.500E+04
85	7	17	7	0.000E+00	-0.500E+04	-0.500E+04
85	7	17	8	0.000E+00	-0.500E+04	-0.500E+04
85	7	17	9	0.920E+02	-0.300E+04	-0.200E+04
85	7	17	10	0.793E+02	-0.200E+04	-0.100E+04
85	7	17	11	0.880E+02	-0.100E+04	0.000E+00
85	7	17	12	0.880E+02	-0.100E+04	0.000E+00
85	7	17	13	0.878E+02	-0.100E+04	0.000E+00
85	7	17	14	0.762E+02	-0.100E+04	0.100E+04
85	7	17	15	0.895E+02	0.000E+00	0.100E+04
85	7	17	16	0.568E+02	0.000E+00	0.100E+04
85	7	17	17	0.728E+02	0.000E+00	0.100E+04
85	7	17	18	0.496E+02	-0.100E+04	0.200E+04
85	7	17	19	0.271E+02	-0.100E+04	0.400E+04
85	7	17	20	0.000E+00	-0.500E+04	-0.500E+04
85	7	17	21	0.000E+00	-0.500E+04	-0.500E+04
85	7	17	22	0.000E+00	-0.500E+04	-0.500E+04
85	7	17	23	0.000E+00	-0.500E+04	-0.500E+04
85	7	17	24	0.000E+00	-0.500E+04	-0.500E+04
85	7	18	1	0.000E+00	-0.500E+04	-0.500E+04
85	7	18	2	0.000E+00	-0.500E+04	-0.500E+04
85	7	18	3	0.000E+00	-0.500E+04	-0.500E+04
85	7	18	4	0.000E+00	-0.500E+04	-0.500E+04
85	7	18	5	0.000E+00	-0.500E+04	-0.500E+04
85	7	18	7	0.000E+00	-0.500E+04	-0.500E+04
85	7	18	8	0.138E+03	-0.400E+04	0.300E+04
85	7	18	9	0.894E+02	-0.100E+04	0.200E+04
85	7	18	10	0.867E+02	0.000E+00	0.100E+04
85	7	18	11	0.814E+02	0.000E+00	0.100E+04
85	7	18	12	0.921E+02	0.000E+00	0.100E+04
85	7	18	13	0.881E+02	0.000E+00	0.100E+04
85	7	18	14	0.719E+02	0.000E+00	0.100E+04
85	7	18	15	0.687E+02	0.000E+00	0.200E+04
85	7	18	16	0.674E+02	0.000E+00	0.200E+04
85	7	18	17	0.556E+02	0.000E+00	0.200E+04
85	7	18	18	0.401E+02	0.000E+00	0.300E+04
85	7	18	19	0.249E+02	0.100E+04	0.500E+04
85	7	18	20	0.244E-06	0.000E+00	0.100E+04
85	7	18	21	0.187E+00	0.000E+00	0.500E+04
85	7	18	22	0.190E-07	0.000E+00	0.100E+04
85	7	18	23	0.000E+00	-0.500E+04	-0.500E+04
85	7	18	24	0.000E+00	-0.500E+04	-0.500E+04
85	7	19	1	0.000E+00	-0.500E+04	-0.500E+04
85	7	19	2	0.000E+00	-0.500E+04	-0.500E+04
85	7	19	3	0.000E+00	-0.500E+04	-0.500E+04
85	7	19	4	0.000E+00	-0.500E+04	-0.500E+04
85	7	19	5	0.826E-06	0.100E+04	0.100E+04
85	7	19	7	0.000E+00	-0.500E+04	-0.500E+04

85	7	19	8	0.104E+00	0.500E+04	0.300E+04
85	7	19	9	0.212E+00	0.500E+04	0.400E+04
85	7	19	10	0.151E+00	0.500E+04	0.400E+04
85	7	19	11	0.723E+02	0.500E+04	0.300E+04
85	7	19	12	0.659E+02	0.400E+04	0.400E+04
85	7	19	13	0.625E+02	0.400E+04	0.200E+04
85	7	19	14	0.734E+02	0.400E+04	0.200E+04
85	7	19	15	0.000E+00	-0.500E+04	-0.500E+04
85	7	19	16	0.892E+00	0.500E+04	0.400E+04
85	7	19	17	0.360E-01	0.400E+04	-0.100E+04
85	7	19	18	0.000E+00	-0.500E+04	-0.500E+04
85	7	19	19	0.000E+00	-0.500E+04	-0.500E+04
85	7	19	20	0.133E+01	0.400E+04	0.200E+04
85	7	19	21	0.113E+01	0.400E+04	0.200E+04
85	7	19	22	0.809E+00	0.300E+04	0.100E+04
85	7	19	23	0.119E+01	0.500E+04	-0.100E+04
85	7	19	24	0.377E-01	0.400E+04	-0.100E+04
85	7	20	1	0.959E-01	0.500E+04	-0.200E+04
85	7	20	2	0.000E+00	-0.500E+04	-0.500E+04
85	7	20	3	0.000E+00	-0.500E+04	-0.500E+04
85	7	20	4	0.000E+00	-0.500E+04	-0.500E+04
85	7	20	5	0.000E+00	-0.500E+04	-0.500E+04
85	7	20	7	0.178E+00	0.000E+00	-0.200E+04
85	7	20	8	0.000E+00	-0.500E+04	-0.500E+04
85	7	20	9	0.000E+00	-0.500E+04	-0.500E+04
85	7	20	10	0.362E+02	-0.100E+04	-0.500E+04
85	7	20	11	0.100E+01	-0.100E+04	-0.500E+04
85	7	20	12	0.949E+02	-0.100E+04	-0.500E+04
85	7	20	13	0.690E+02	0.100E+04	-0.300E+04
85	7	20	14	0.604E+02	0.100E+04	-0.300E+04
85	7	20	15	0.643E+02	0.000E+00	-0.200E+04
85	7	20	16	0.547E+02	-0.100E+04	-0.100E+04
85	7	20	17	0.536E+02	-0.100E+04	-0.100E+04
85	7	20	18	0.306E+02	-0.300E+04	-0.300E+04
85	7	20	19	0.273E+02	-0.500E+04	-0.400E+04
85	7	20	20	0.106E+01	-0.300E+04	-0.300E+04
85	7	20	21	0.120E-01	-0.100E+04	-0.100E+04
85	7	20	22	0.000E+00	-0.500E+04	-0.500E+04
85	7	20	23	0.000E+00	-0.500E+04	-0.500E+04
85	7	20	24	0.000E+00	-0.500E+04	-0.500E+04
85	7	21	1	0.000E+00	-0.500E+04	-0.500E+04
85	7	21	2	0.315E+00	-0.100E+04	0.100E+04
85	7	21	3	0.168E+00	-0.100E+04	0.200E+04
85	7	21	4	0.182E+00	-0.100E+04	0.200E+04
85	7	21	5	0.182E+00	-0.100E+04	0.200E+04
85	7	21	7	0.000E+00	-0.500E+04	-0.500E+04
85	7	21	8	0.316E+02	-0.200E+04	0.400E+04
85	7	21	9	0.704E+02	-0.200E+04	0.500E+04
85	7	21	10	0.508E+02	-0.100E+04	0.400E+04
85	7	21	11	0.118E+00	0.000E+00	0.500E+04
85	7	21	12	0.420E+02	-0.100E+04	0.500E+04
85	7	21	13	0.530E+02	0.000E+00	0.300E+04
85	7	21	14	0.517E+02	0.100E+04	0.200E+04
85	7	21	15	0.490E+02	0.100E+04	0.100E+04
85	7	21	16	0.468E+02	0.200E+04	0.100E+04
85	7	21	17	0.407E+02	0.300E+04	0.100E+04
85	7	21	18	0.311E+02	0.300E+04	0.100E+04
85	7	21	19	0.147E+02	0.500E+04	0.300E+04
85	7	21	20	0.689E-01	0.500E+04	0.300E+04
85	7	21	21	0.000E+00	-0.500E+04	-0.500E+04
85	7	21	22	0.144E-05	0.500E+04	0.300E+04
85	7	21	23	0.000E+00	-0.500E+04	-0.500E+04
85	7	21	24	0.000E+00	-0.500E+04	-0.500E+04
85	7	22	1	0.000E+00	-0.500E+04	-0.500E+04
85	7	22	2	0.607E+00	-0.300E+04	-0.500E+04
85	7	22	3	0.214E+00	-0.200E+04	-0.500E+04
85	7	22	4	0.170E+00	-0.100E+04	-0.500E+04
85	7	22	5	0.000E+00	-0.500E+04	-0.500E+04
85	7	22	7	0.660E+02	0.200E+04	-0.500E+04
85	7	22	8	0.732E+02	0.100E+04	-0.200E+04
85	7	22	9	0.648E+02	0.100E+04	-0.300E+04
85	7	22	10	0.628E+02	0.100E+04	-0.200E+04
85	7	22	11	0.677E+02	0.100E+04	-0.200E+04
85	7	22	12	0.789E+02	0.100E+04	-0.100E+04
85	7	22	13	0.738E+02	0.100E+04	0.000E+00
85	7	22	14	0.628E+02	0.100E+04	-0.100E+04
85	7	22	15	0.600E+02	0.200E+04	-0.100E+04
85	7	22	16	0.582E+02	0.100E+04	-0.100E+04
85	7	22	17	0.669E+02	0.100E+04	-0.100E+04
85	7	22	18	0.510E+02	0.200E+04	-0.100E+04
85	7	22	19	0.126E+01	0.400E+04	-0.500E+04
85	7	22	20	0.000E+00	-0.500E+04	-0.500E+04
85	7	22	21	0.138E-04	-0.300E+04	-0.500E+04
85	7	22	22	0.000E+00	-0.500E+04	-0.500E+04

85	7	22	23	0.000E+00	-0.500E+04	-0.500E+04
85	7	22	24	0.000E+00	-0.500E+04	-0.500E+04
85	7	23	1	0.000E+00	-0.500E+04	-0.500E+04
85	7	23	2	0.000E+00	-0.500E+04	-0.500E+04
85	7	23	3	0.000E+00	-0.500E+04	-0.500E+04
85	7	23	4	0.000E+00	-0.500E+04	-0.500E+04
85	7	23	5	0.000E+00	-0.500E+04	-0.500E+04
85	7	23	7	0.000E+00	-0.500E+04	-0.500E+04
85	7	23	8	0.971E+02	-0.200E+04	-0.300E+04
85	7	23	9	0.798E+02	-0.100E+04	-0.100E+04
85	7	23	10	0.732E+02	-0.200E+04	-0.100E+04
85	7	23	11	0.760E+02	-0.100E+04	0.000E+00
85	7	23	12	0.970E+02	-0.100E+04	0.000E+00
85	7	23	13	0.874E+02	-0.100E+04	0.000E+00
85	7	23	14	0.902E+02	0.000E+00	0.100E+04
85	7	23	15	0.838E+02	0.000E+00	0.100E+04
85	7	23	16	0.775E+02	0.000E+00	0.100E+04
85	7	23	17	0.670E+02	0.000E+00	0.100E+04
85	7	23	18	0.494E+02	0.000E+00	0.200E+04
85	7	23	19	0.262E+02	0.100E+04	0.400E+04
85	7	23	20	0.000E+00	-0.500E+04	-0.500E+04
85	7	23	21	0.000E+00	-0.500E+04	-0.500E+04
85	7	23	22	0.000E+00	-0.500E+04	-0.500E+04
85	7	23	23	0.000E+00	-0.500E+04	-0.500E+04
85	7	23	24	0.000E+00	-0.500E+04	-0.500E+04
85	7	24	1	0.000E+00	-0.500E+04	-0.500E+04
85	7	24	2	0.000E+00	-0.500E+04	-0.500E+04
85	7	24	3	0.000E+00	-0.500E+04	-0.500E+04
85	7	24	4	0.000E+00	-0.500E+04	-0.500E+04
85	7	24	5	0.000E+00	-0.500E+04	-0.500E+04
85	7	24	7	0.000E+00	-0.500E+04	-0.500E+04
85	7	24	8	0.000E+00	-0.500E+04	-0.500E+04
85	7	24	9	0.741E+02	-0.100E+04	0.400E+04
85	7	24	10	0.750E+02	0.000E+00	0.200E+04
85	7	24	11	0.708E+02	0.000E+00	0.100E+04
85	7	24	12	0.583E+02	0.000E+00	0.200E+04
85	7	24	13	0.511E+02	0.000E+00	0.100E+04
85	7	24	14	0.319E+02	0.000E+00	0.300E+04
85	7	24	15	0.316E+02	0.000E+00	0.300E+04
85	7	24	16	0.376E+02	0.100E+04	0.400E+04
85	7	24	17	0.418E+02	0.100E+04	0.400E+04
85	7	24	18	0.455E+02	0.100E+04	0.300E+04
85	7	24	19	0.311E+00	0.100E+04	0.500E+04
85	7	24	20	0.810E-01	-0.100E+04	0.500E+04
85	7	24	21	0.319E-06	-0.200E+04	0.400E+04
85	7	24	22	0.877E-01	-0.200E+04	0.500E+04
85	7	24	23	0.842E-09	0.000E+00	0.200E+04
85	7	24	24	0.127E-07	0.000E+00	0.200E+04
85	7	25	1	0.969E-03	0.100E+04	0.500E+04
85	7	25	2	0.188E+01	0.100E+04	0.500E+04
85	7	25	3	0.434E+01	0.100E+04	0.500E+04
85	7	25	4	0.457E+01	0.200E+04	0.500E+04
85	7	25	5	0.291E+01	0.200E+04	0.500E+04
85	7	25	7	0.381E+01	0.200E+04	0.500E+04
85	7	25	8	0.533E+01	0.200E+04	0.500E+04
85	7	25	9	0.142E+02	0.200E+04	0.500E+04
85	7	25	10	0.573E+01	0.200E+04	0.500E+04
85	7	25	11	0.540E+01	0.100E+04	0.400E+04
85	7	25	12	0.149E+02	0.100E+04	0.500E+04
85	7	25	13	0.249E+02	0.100E+04	0.500E+04
85	7	25	14	0.148E+02	0.100E+04	0.500E+04
85	7	25	15	0.197E+02	0.000E+00	0.500E+04
85	7	25	16	0.439E+02	0.000E+00	0.300E+04
85	7	25	17	0.276E+02	0.000E+00	0.300E+04
85	7	25	18	0.184E+02	0.100E+04	0.500E+04
85	7	25	20	0.381E+01	0.000E+00	0.500E+04
85	7	25	21	0.220E+01	0.000E+00	0.500E+04
85	7	25	22	0.505E+00	0.100E+04	0.500E+04
85	7	25	23	0.367E-01	0.400E+04	-0.100E+04
85	7	25	24	0.431E+00	0.500E+04	0.500E+04
85	7	26	1	0.105E+01	0.300E+04	0.300E+04
85	7	26	2	0.409E+00	0.300E+04	0.100E+04
85	7	26	3	0.641E-01	0.000E+00	-0.200E+04
85	7	26	4	0.534E-01	0.000E+00	-0.500E+04
85	7	26	5	0.845E+00	0.100E+04	-0.500E+04
85	7	26	8	0.195E+02	0.100E+04	-0.400E+04
85	7	26	9	0.437E+02	0.200E+04	-0.500E+04
85	7	26	10	0.389E+02	0.100E+04	-0.500E+04
85	7	26	11	0.471E+02	0.100E+04	-0.400E+04
85	7	26	12	0.685E+02	0.000E+00	-0.200E+04
85	7	26	13	0.555E+02	-0.100E+04	-0.300E+04
85	7	26	14	0.533E+02	-0.100E+04	-0.300E+04
85	7	26	15	0.522E+02	-0.100E+04	-0.300E+04
85	7	26	16	0.482E+02	-0.100E+04	-0.400E+04

85	7	30	9	0.606E+02	-0.500E+04	-0.500E+04
85	7	30	10	0.568E+02	-0.400E+04	-0.400E+04
85	7	30	11	0.460E+02	-0.400E+04	-0.500E+04
85	7	30	12	0.453E+02	-0.100E+04	-0.300E+04
85	7	30	13	0.464E+02	-0.100E+04	-0.500E+04
85	7	30	14	0.332E+02	-0.100E+04	-0.500E+04
85	7	30	15	0.425E+02	-0.100E+04	-0.400E+04
85	7	30	16	0.397E+02	-0.200E+04	-0.400E+04
85	7	30	17	0.332E+02	-0.200E+04	-0.500E+04
85	7	30	18	0.244E+02	-0.200E+04	-0.500E+04
85	7	30	19	0.281E+00	-0.200E+04	-0.500E+04
85	7	30	20	0.121E+01	-0.200E+04	-0.400E+04
85	7	30	21	0.316E+00	-0.100E+04	-0.200E+04
85	7	30	22	0.100E+00	-0.100E+04	-0.100E+04
85	7	30	23	0.509E-06	0.000E+00	-0.100E+04
85	7	30	24	0.000E+00	-0.500E+04	-0.500E+04
85	7	31	1	0.541E-06	-0.100E+04	0.000E+00
85	7	31	2	0.264E-12	-0.100E+04	0.100E+04
85	7	31	3	0.772E+00	-0.300E+04	0.100E+04
85	7	31	4	0.114E+01	-0.400E+04	0.100E+04
85	7	31	5	0.428E-01	-0.400E+04	0.100E+04
85	7	31	7	0.231E+00	-0.200E+04	-0.100E+04
85	7	31	8	0.000E+00	-0.500E+04	-0.500E+04
85	7	31	9	0.000E+00	-0.500E+04	-0.500E+04
85	7	31	10	0.000E+00	-0.500E+04	-0.500E+04
85	7	31	11	0.000E+00	-0.500E+04	-0.500E+04
85	7	31	12	0.000E+00	-0.500E+04	-0.500E+04
85	7	31	13	0.311E+00	-0.400E+04	-0.500E+04
85	7	31	14	0.154E+00	-0.300E+04	-0.500E+04
85	7	31	15	0.000E+00	-0.500E+04	-0.500E+04
85	7	31	20	0.773E+00	-0.500E+04	-0.500E+04
85	7	31	21	0.889E+00	-0.200E+04	-0.200E+04
85	7	31	22	0.214E+00	-0.200E+04	-0.200E+04
85	7	31	23	0.103E+01	-0.400E+04	-0.400E+04
85	7	31	24	0.677E+00	-0.500E+04	-0.500E+04

B-3. Results from OME's Code for Surface Release with Building Wake

					GMT			
					yr	mh	dy	hr
MAX CONC=0.230552E+02	X= 500.00 (M)	Y= -100.00 (M)	Z= 0.00 (M)	AT	85	2	1	1
MAX CONC=0.148965E+02	X= 500.00 (M)	Y= -300.00 (M)	Z= 0.00 (M)	AT	85	2	1	2
MAX CONC=0.145185E+02	X= 500.00 (M)	Y= -200.00 (M)	Z= 0.00 (M)	AT	85	2	1	3
MAX CONC=0.136891E+02	X= 500.00 (M)	Y= -300.00 (M)	Z= 0.00 (M)	AT	85	2	1	4
MAX CONC=0.141468E+02	X= 500.00 (M)	Y= -200.00 (M)	Z= 0.00 (M)	AT	85	2	1	5
MAX CONC=0.141146E+02	X= 500.00 (M)	Y= -300.00 (M)	Z= 0.00 (M)	AT	85	2	1	6
MAX CONC=0.938870E+01	X= 500.00 (M)	Y= -400.00 (M)	Z= 0.00 (M)	AT	85	2	1	7
MAX CONC=0.121457E+02	X= 300.00 (M)	Y= -500.00 (M)	Z= 0.00 (M)	AT	85	2	1	8
MAX CONC=0.112844E+02	X= 300.00 (M)	Y= -500.00 (M)	Z= 0.00 (M)	AT	85	2	1	9
MAX CONC=0.941143E+01	X= 400.00 (M)	Y= -500.00 (M)	Z= 0.00 (M)	AT	85	2	1	10
MAX CONC=0.129594E+02	X= 300.00 (M)	Y= -500.00 (M)	Z= 0.00 (M)	AT	85	2	1	11
MAX CONC=0.151817E+02	X= 300.00 (M)	Y= -500.00 (M)	Z= 0.00 (M)	AT	85	2	1	12
MAX CONC=0.141312E+02	X= 500.00 (M)	Y= -400.00 (M)	Z= 0.00 (M)	AT	85	2	1	13
MAX CONC=0.158744E+02	X= 500.00 (M)	Y= -400.00 (M)	Z= 0.00 (M)	AT	85	2	1	14
MAX CONC=0.124927E+02	X= 500.00 (M)	Y= -400.00 (M)	Z= 0.00 (M)	AT	85	2	1	15
MAX CONC=0.114749E+02	X= 400.00 (M)	Y= -500.00 (M)	Z= 0.00 (M)	AT	85	2	1	16
MAX CONC=0.155900E+02	X= 400.00 (M)	Y= -500.00 (M)	Z= 0.00 (M)	AT	85	2	1	17
MAX CONC=0.132400E+02	X= 500.00 (M)	Y= -300.00 (M)	Z= 0.00 (M)	AT	85	2	1	18
MAX CONC=0.136784E+02	X= 500.00 (M)	Y= -300.00 (M)	Z= 0.00 (M)	AT	85	2	1	19
MAX CONC=0.137097E+02	X= 500.00 (M)	Y= -200.00 (M)	Z= 0.00 (M)	AT	85	2	1	20
MAX CONC=0.161826E+02	X= 500.00 (M)	Y= -200.00 (M)	Z= 0.00 (M)	AT	85	2	1	21
MAX CONC=0.256483E+02	X= 500.00 (M)	Y= -200.00 (M)	Z= 0.00 (M)	AT	85	2	1	22
MAX CONC=0.362039E+02	X= 500.00 (M)	Y= -300.00 (M)	Z= 0.00 (M)	AT	85	2	1	23
MAX CONC=0.309907E+02	X= 500.00 (M)	Y= -300.00 (M)	Z= 0.00 (M)	AT	85	2	1	24
MAX CONC=0.496373E+02	X= 500.00 (M)	Y= -300.00 (M)	Z= 0.00 (M)	AT	85	2	2	1
MAX CONC=0.913013E+02	X= 500.00 (M)	Y= -200.00 (M)	Z= 0.00 (M)	AT	85	2	2	2
MAX CONC=0.160356E+03	X= 500.00 (M)	Y= -300.00 (M)	Z= 0.00 (M)	AT	85	2	2	3
MAX CONC=0.160356E+03	X= 500.00 (M)	Y= -300.00 (M)	Z= 0.00 (M)	AT	85	2	2	4
MAX CONC=0.264005E+03	X= 500.00 (M)	Y= -300.00 (M)	Z= 0.00 (M)	AT	85	2	2	5
MAX CONC=0.181906E+02	X= 400.00 (M)	Y= -500.00 (M)	Z= 0.00 (M)	AT	85	2	2	6
MAX CONC=0.205324E+02	X= 400.00 (M)	Y= -500.00 (M)	Z= 0.00 (M)	AT	85	2	2	7
MAX CONC=0.204690E+02	X= 100.00 (M)	Y= -500.00 (M)	Z= 0.00 (M)	AT	85	2	2	8
MAX CONC=0.218749E+02	X= 100.00 (M)	Y= -500.00 (M)	Z= 0.00 (M)	AT	85	2	2	9
MAX CONC=0.248912E+02	X= 100.00 (M)	Y= -500.00 (M)	Z= 0.00 (M)	AT	85	2	2	10
MAX CONC=0.215767E+02	X= 200.00 (M)	Y= -500.00 (M)	Z= 0.00 (M)	AT	85	2	2	11
MAX CONC=0.244798E+02	X= 200.00 (M)	Y= -500.00 (M)	Z= 0.00 (M)	AT	85	2	2	12
MAX CONC=0.271829E+02	X= 100.00 (M)	Y= -500.00 (M)	Z= 0.00 (M)	AT	85	2	2	13
MAX CONC=0.258688E+02	X= 100.00 (M)	Y= -500.00 (M)	Z= 0.00 (M)	AT	85	2	2	14
MAX CONC=0.235783E+02	X= 100.00 (M)	Y= -500.00 (M)	Z= 0.00 (M)	AT	85	2	2	15
MAX CONC=0.209155E+02	X= 100.00 (M)	Y= -500.00 (M)	Z= 0.00 (M)	AT	85	2	2	16
MAX CONC=0.173878E+02	X= 200.00 (M)	Y= -500.00 (M)	Z= 0.00 (M)	AT	85	2	2	17
MAX CONC=0.158889E+02	X= 300.00 (M)	Y= -500.00 (M)	Z= 0.00 (M)	AT	85	2	2	18
MAX CONC=0.147530E+02	X= 400.00 (M)	Y= -500.00 (M)	Z= 0.00 (M)	AT	85	2	2	19
MAX CONC=0.140557E+02	X= 400.00 (M)	Y= -500.00 (M)	Z= 0.00 (M)	AT	85	2	2	20
MAX CONC=0.129105E+02	X= 500.00 (M)	Y= -400.00 (M)	Z= 0.00 (M)	AT	85	2	2	21
MAX CONC=0.148965E+02	X= 500.00 (M)	Y= -300.00 (M)	Z= 0.00 (M)	AT	85	2	2	22
MAX CONC=0.175861E+02	X= 500.00 (M)	Y= -300.00 (M)	Z= 0.00 (M)	AT	85	2	2	23
MAX CONC=0.211138E+02	X= 500.00 (M)	Y= -200.00 (M)	Z= 0.00 (M)	AT	85	2	2	24
MAX CONC=0.539779E+02	X= 500.00 (M)	Y= -200.00 (M)	Z= 0.00 (M)	AT	85	2	3	1
MAX CONC=0.442085E+02	X= 500.00 (M)	Y= -100.00 (M)	Z= 0.00 (M)	AT	85	2	3	2
MAX CONC=0.716928E+02	X= 500.00 (M)	Y= -100.00 (M)	Z= 0.00 (M)	AT	85	2	3	3
MAX CONC=0.716928E+02	X= 500.00 (M)	Y= -100.00 (M)	Z= 0.00 (M)	AT	85	2	3	4
MAX CONC=0.574613E+02	X= 500.00 (M)	Y= 0.00 (M)	Z= 0.00 (M)	AT	85	2	3	5
MAX CONC=0.548750E+02	X= 500.00 (M)	Y= 100.00 (M)	Z= 0.00 (M)	AT	85	2	3	6
MAX CONC=0.537257E+02	X= 500.00 (M)	Y= 100.00 (M)	Z= 0.00 (M)	AT	85	2	3	7
MAX CONC=0.945288E+02	X= 500.00 (M)	Y= -100.00 (M)	Z= 0.00 (M)	AT	85	2	3	8
MAX CONC=0.689080E+02	X= 500.00 (M)	Y= 0.00 (M)	Z= 0.00 (M)	AT	85	2	3	9
MAX CONC=0.689080E+02	X= 500.00 (M)	Y= 0.00 (M)	Z= 0.00 (M)	AT	85	2	3	10
MAX CONC=0.929106E+02	X= 500.00 (M)	Y= -100.00 (M)	Z= 0.00 (M)	AT	85	2	3	11
MAX CONC=0.945288E+02	X= 500.00 (M)	Y= -100.00 (M)	Z= 0.00 (M)	AT	85	2	3	12
MAX CONC=0.939604E+02	X= 500.00 (M)	Y= 100.00 (M)	Z= 0.00 (M)	AT	85	2	3	13
MAX CONC=0.481128E+02	X= 500.00 (M)	Y= 400.00 (M)	Z= 0.00 (M)	AT	85	2	3	14
MAX CONC=0.327989E+02	X= 500.00 (M)	Y= 400.00 (M)	Z= 0.00 (M)	AT	85	2	3	15
MAX CONC=0.118996E+02	X= 400.00 (M)	Y= 500.00 (M)	Z= 0.00 (M)	AT	85	2	3	16
MAX CONC=0.161726E+02	X= 400.00 (M)	Y= 500.00 (M)	Z= 0.00 (M)	AT	85	2	3	17
MAX CONC=0.156017E+02	X= 400.00 (M)	Y= 500.00 (M)	Z= 0.00 (M)	AT	85	2	3	18
MAX CONC=0.130216E+02	X= 400.00 (M)	Y= 500.00 (M)	Z= 0.00 (M)	AT	85	2	3	19
MAX CONC=0.162504E+02	X= 300.00 (M)	Y= 500.00 (M)	Z= 0.00 (M)	AT	85	2	3	20
MAX CONC=0.133206E+02	X= 300.00 (M)	Y= 500.00 (M)	Z= 0.00 (M)	AT	85	2	3	21
MAX CONC=0.139198E+02	X= 300.00 (M)	Y= 500.00 (M)	Z= 0.00 (M)	AT	85	2	3	22
MAX CONC=0.142328E+02	X= 300.00 (M)	Y= 500.00 (M)	Z= 0.00 (M)	AT	85	2	3	23
MAX CONC=0.173394E+02	X= 300.00 (M)	Y= 500.00 (M)	Z= 0.00 (M)	AT	85	2	3	24
MAX CONC=0.139986E+02	X= 400.00 (M)	Y= 500.00 (M)	Z= 0.00 (M)	AT	85	2	4	1
MAX CONC=0.184166E+02	X= 400.00 (M)	Y= 500.00 (M)	Z= 0.00 (M)	AT	85	2	4	2
MAX CONC=0.160097E+02	X= 500.00 (M)	Y= 500.00 (M)	Z= 0.00 (M)	AT	85	2	4	3
MAX CONC=0.174679E+02	X= 500.00 (M)	Y= 500.00 (M)	Z= 0.00 (M)	AT	85	2	4	4
MAX CONC=0.209465E+02	X= 500.00 (M)	Y= 400.00 (M)	Z= 0.00 (M)	AT	85	2	4	5
MAX CONC=0.365977E+02	X= 500.00 (M)	Y= 300.00 (M)	Z= 0.00 (M)	AT	85	2	4	6
MAX CONC=0.427139E+02	X= 500.00 (M)	Y= 200.00 (M)	Z= 0.00 (M)	AT	85	2	4	7
MAX CONC=0.532343E+02	X= 500.00 (M)	Y= 100.00 (M)	Z= 0.00 (M)	AT	85	2	4	8

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MAX CONC=0.549575E+02 X=   500.00 (M) Y=     0.00 (M) Z=     0.00 (M) AT 85 2 4  9
MAX CONC=0.725489E+02 X=   500.00 (M) Y=     0.00 (M) Z=     0.00 (M) AT 85 2 4 10
MAX CONC=0.929106E+02 X=   500.00 (M) Y=  -100.00 (M) Z=     0.00 (M) AT 85 2 4 11
MAX CONC=0.169906E+03 X=   500.00 (M) Y=     0.00 (M) Z=     0.00 (M) AT 85 2 4 12
MAX CONC=0.167229E+03 X=   500.00 (M) Y=     0.00 (M) Z=     0.00 (M) AT 85 2 4 13
MAX CONC=0.212278E+03 X=   500.00 (M) Y=  -100.00 (M) Z=     0.00 (M) AT 85 2 4 14
MAX CONC=0.208088E+03 X=   500.00 (M) Y=  -100.00 (M) Z=     0.00 (M) AT 85 2 4 15
MAX CONC=0.962822E+02 X=   500.00 (M) Y=  -100.00 (M) Z=     0.00 (M) AT 85 2 4 16
MAX CONC=0.162908E+03 X=   500.00 (M) Y=   200.00 (M) Z=     0.00 (M) AT 85 2 4 17
MAX CONC=0.531122E+02 X=   500.00 (M) Y=   200.00 (M) Z=     0.00 (M) AT 85 2 4 18
MAX CONC=0.678661E+02 X=   500.00 (M) Y=   200.00 (M) Z=     0.00 (M) AT 85 2 4 19
MAX CONC=0.212235E+03 X=   500.00 (M) Y=   200.00 (M) Z=     0.00 (M) AT 85 2 4 20
MAX CONC=0.232313E+03 X=   500.00 (M) Y=   200.00 (M) Z=     0.00 (M) AT 85 2 4 21
MAX CONC=0.713128E+02 X=   100.00 (M) Y=   500.00 (M) Z=     0.00 (M) AT 85 2 4 22
MAX CONC=0.281429E+02 X=  -100.00 (M) Y=   500.00 (M) Z=     0.00 (M) AT 85 2 4 23
MAX CONC=0.214019E+02 X=  -100.00 (M) Y=   500.00 (M) Z=     0.00 (M) AT 85 2 4 24
MAX CONC=0.357789E+02 X=     0.00 (M) Y=   500.00 (M) Z=     0.00 (M) AT 85 2 5  1
MAX CONC=0.248912E+02 X=   100.00 (M) Y=   500.00 (M) Z=     0.00 (M) AT 85 2 5  2
MAX CONC=0.351850E+02 X=   100.00 (M) Y=   500.00 (M) Z=     0.00 (M) AT 85 2 5  3
MAX CONC=0.332593E+02 X=  -100.00 (M) Y=   500.00 (M) Z=     0.00 (M) AT 85 2 5  4
MAX CONC=0.163876E+02 X=  -400.00 (M) Y=   500.00 (M) Z=     0.00 (M) AT 85 2 5  5
MAX CONC=0.202423E+02 X=  -500.00 (M) Y=   300.00 (M) Z=     0.00 (M) AT 85 2 5  6
MAX CONC=0.314416E+02 X=  -500.00 (M) Y=   100.00 (M) Z=     0.00 (M) AT 85 2 5  7
MAX CONC=0.321774E+02 X=  -500.00 (M) Y=     0.00 (M) Z=     0.00 (M) AT 85 2 5  8
MAX CONC=0.239850E+02 X=  -500.00 (M) Y=     0.00 (M) Z=     0.00 (M) AT 85 2 5  9
MAX CONC=0.239850E+02 X=  -500.00 (M) Y=     0.00 (M) Z=     0.00 (M) AT 85 2 5 10
MAX CONC=0.275898E+02 X=  -500.00 (M) Y=     0.00 (M) Z=     0.00 (M) AT 85 2 5 11
MAX CONC=0.185459E+02 X=  -500.00 (M) Y=  -100.00 (M) Z=     0.00 (M) AT 85 2 5 12
MAX CONC=0.149265E+02 X=  -500.00 (M) Y=  -100.00 (M) Z=     0.00 (M) AT 85 2 5 13
MAX CONC=0.110866E+02 X=  -500.00 (M) Y=  -100.00 (M) Z=     0.00 (M) AT 85 2 5 14
MAX CONC=0.187305E+02 X=  -500.00 (M) Y=     0.00 (M) Z=     0.00 (M) AT 85 2 5 15
MAX CONC=0.165587E+02 X=  -500.00 (M) Y=  -100.00 (M) Z=     0.00 (M) AT 85 2 5 16
MAX CONC=0.140186E+02 X=  -500.00 (M) Y=  -100.00 (M) Z=     0.00 (M) AT 85 2 5 17
MAX CONC=0.172914E+02 X=  -500.00 (M) Y=  -100.00 (M) Z=     0.00 (M) AT 85 2 5 18
MAX CONC=0.147119E+02 X=  -500.00 (M) Y=  -200.00 (M) Z=     0.00 (M) AT 85 2 5 19
MAX CONC=0.156889E+02 X=  -500.00 (M) Y=  -200.00 (M) Z=     0.00 (M) AT 85 2 5 20
MAX CONC=0.163018E+02 X=  -500.00 (M) Y=  -200.00 (M) Z=     0.00 (M) AT 85 2 5 21
MAX CONC=0.165511E+02 X=  -500.00 (M) Y=  -300.00 (M) Z=     0.00 (M) AT 85 2 5 22
MAX CONC=0.173761E+02 X=  -500.00 (M) Y=  -400.00 (M) Z=     0.00 (M) AT 85 2 5 23
MAX CONC=0.188195E+02 X=  -500.00 (M) Y=  -300.00 (M) Z=     0.00 (M) AT 85 2 5 24
MAX CONC=0.173733E+02 X=  -500.00 (M) Y=  -300.00 (M) Z=     0.00 (M) AT 85 2 6  1
MAX CONC=0.185224E+02 X=  -500.00 (M) Y=  -500.00 (M) Z=     0.00 (M) AT 85 2 6  2
MAX CONC=0.169797E+02 X=  -500.00 (M) Y=  -500.00 (M) Z=     0.00 (M) AT 85 2 6  3
MAX CONC=0.254696E+02 X=  -500.00 (M) Y=  -500.00 (M) Z=     0.00 (M) AT 85 2 6  4
MAX CONC=0.354623E+02 X=  -300.00 (M) Y=  -500.00 (M) Z=     0.00 (M) AT 85 2 6  5
MAX CONC=0.406470E+02 X=  -100.00 (M) Y=  -500.00 (M) Z=     0.00 (M) AT 85 2 6  6
MAX CONC=0.929251E+02 X=  -200.00 (M) Y=  -500.00 (M) Z=     0.00 (M) AT 85 2 6  7
MAX CONC=0.499452E+02 X=  -200.00 (M) Y=  -500.00 (M) Z=     0.00 (M) AT 85 2 6  8
MAX CONC=0.413832E+02 X=  -300.00 (M) Y=  -500.00 (M) Z=     0.00 (M) AT 85 2 6  9
MAX CONC=0.354926E+02 X=  -400.00 (M) Y=  -500.00 (M) Z=     0.00 (M) AT 85 2 6 10
MAX CONC=0.377379E+02 X=  -500.00 (M) Y=  -500.00 (M) Z=     0.00 (M) AT 85 2 6 11
MAX CONC=0.376276E+02 X=  -300.00 (M) Y=  -500.00 (M) Z=     0.00 (M) AT 85 2 6 12
MAX CONC=0.376276E+02 X=  -300.00 (M) Y=  -500.00 (M) Z=     0.00 (M) AT 85 2 6 13
MAX CONC=0.363703E+02 X=  -500.00 (M) Y=  -400.00 (M) Z=     0.00 (M) AT 85 2 6 14
MAX CONC=0.242864E+02 X=  -500.00 (M) Y=  -300.00 (M) Z=     0.00 (M) AT 85 2 6 15
MAX CONC=0.308498E+02 X=  -500.00 (M) Y=  -200.00 (M) Z=     0.00 (M) AT 85 2 6 16
MAX CONC=0.456408E+02 X=  -500.00 (M) Y=  -300.00 (M) Z=     0.00 (M) AT 85 2 6 17
MAX CONC=0.460010E+02 X=  -500.00 (M) Y=  -300.00 (M) Z=     0.00 (M) AT 85 2 6 18
MAX CONC=0.527739E+02 X=   500.00 (M) Y=     0.00 (M) Z=     0.00 (M) AT 85 2 6 19
MAX CONC=0.234142E+02 X=   500.00 (M) Y=     0.00 (M) Z=     0.00 (M) AT 85 2 6 20
MAX CONC=0.240749E+02 X=   500.00 (M) Y=  -200.00 (M) Z=     0.00 (M) AT 85 2 6 21
MAX CONC=0.292686E+02 X=   500.00 (M) Y=  -200.00 (M) Z=     0.00 (M) AT 85 2 6 22
MAX CONC=0.205665E+02 X=   500.00 (M) Y=  -200.00 (M) Z=     0.00 (M) AT 85 2 6 23
MAX CONC=0.263337E+02 X=   500.00 (M) Y=  -200.00 (M) Z=     0.00 (M) AT 85 2 6 24
MAX CONC=0.273845E+02 X=   500.00 (M) Y=  -300.00 (M) Z=     0.00 (M) AT 85 2 7  1
MAX CONC=0.297455E+02 X=   500.00 (M) Y=  -200.00 (M) Z=     0.00 (M) AT 85 2 7  2
MAX CONC=0.311241E+02 X=   500.00 (M) Y=  -300.00 (M) Z=     0.00 (M) AT 85 2 7  3
MAX CONC=0.250999E+02 X=   500.00 (M) Y=  -400.00 (M) Z=     0.00 (M) AT 85 2 7  4
MAX CONC=0.187410E+02 X=   500.00 (M) Y=  -400.00 (M) Z=     0.00 (M) AT 85 2 7  5
MAX CONC=0.249913E+02 X=   400.00 (M) Y=  -500.00 (M) Z=     0.00 (M) AT 85 2 7  6
MAX CONC=0.255875E+02 X=   500.00 (M) Y=  -100.00 (M) Z=     0.00 (M) AT 85 2 7  7
MAX CONC=0.314416E+02 X=   500.00 (M) Y=   100.00 (M) Z=     0.00 (M) AT 85 2 7  8
MAX CONC=0.334595E+02 X=   500.00 (M) Y=   200.00 (M) Z=     0.00 (M) AT 85 2 7  9
MAX CONC=0.223838E+02 X=   500.00 (M) Y=   300.00 (M) Z=     0.00 (M) AT 85 2 7 10
MAX CONC=0.191074E+02 X=   500.00 (M) Y=   300.00 (M) Z=     0.00 (M) AT 85 2 7 11
MAX CONC=0.194174E+02 X=   500.00 (M) Y=   100.00 (M) Z=     0.00 (M) AT 85 2 7 12
MAX CONC=0.241870E+02 X=   500.00 (M) Y=   100.00 (M) Z=     0.00 (M) AT 85 2 7 13
MAX CONC=0.207457E+02 X=   500.00 (M) Y=   200.00 (M) Z=     0.00 (M) AT 85 2 7 14
MAX CONC=0.173876E+02 X=   500.00 (M) Y=   100.00 (M) Z=     0.00 (M) AT 85 2 7 15
MAX CONC=0.189147E+02 X=   500.00 (M) Y=  -200.00 (M) Z=     0.00 (M) AT 85 2 7 16
MAX CONC=0.134935E+02 X=   500.00 (M) Y=  -300.00 (M) Z=     0.00 (M) AT 85 2 7 17
MAX CONC=0.288684E+02 X=   200.00 (M) Y=  -500.00 (M) Z=     0.00 (M) AT 85 2 7 18
MAX CONC=0.227177E+02 X=  -100.00 (M) Y=  -500.00 (M) Z=     0.00 (M) AT 85 2 7 19
MAX CONC=0.187305E+02 X=     0.00 (M) Y=  -500.00 (M) Z=     0.00 (M) AT 85 2 7 20
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MAX CONC=0.112888E+02 X=   300.00 (M) Y=  -500.00 (M) Z=     0.00 (M) AT  85  2  7 21
MAX CONC=0.110403E+02 X=   300.00 (M) Y=  -500.00 (M) Z=     0.00 (M) AT  85  2  7 22
MAX CONC=0.181484E+02 X=   300.00 (M) Y=  -500.00 (M) Z=     0.00 (M) AT  85  2  7 23
MAX CONC=0.224056E+02 X=   400.00 (M) Y=  -500.00 (M) Z=     0.00 (M) AT  85  2  7 24
MAX CONC=0.337307E+02 X=   400.00 (M) Y=  -500.00 (M) Z=     0.00 (M) AT  85  2  8  1
MAX CONC=0.340872E+02 X=   300.00 (M) Y=  -500.00 (M) Z=     0.00 (M) AT  85  2  8  2
MAX CONC=0.340291E+02 X=   400.00 (M) Y=  -500.00 (M) Z=     0.00 (M) AT  85  2  8  3
MAX CONC=0.484932E+02 X=   500.00 (M) Y=  -400.00 (M) Z=     0.00 (M) AT  85  2  8  4
MAX CONC=0.233957E+02 X=   500.00 (M) Y=  -300.00 (M) Z=     0.00 (M) AT  85  2  8  5
MAX CONC=0.259903E+02 X=   500.00 (M) Y=  -400.00 (M) Z=     0.00 (M) AT  85  2  8  6
MAX CONC=0.209465E+02 X=   500.00 (M) Y=  -400.00 (M) Z=     0.00 (M) AT  85  2  8  7
MAX CONC=0.221038E+02 X=   500.00 (M) Y=  -300.00 (M) Z=     0.00 (M) AT  85  2  8  8
MAX CONC=0.206144E+02 X=   500.00 (M) Y=  -300.00 (M) Z=     0.00 (M) AT  85  2  8  9
MAX CONC=0.201734E+02 X=   500.00 (M) Y=  -300.00 (M) Z=     0.00 (M) AT  85  2  8 10
MAX CONC=0.267465E+02 X=   500.00 (M) Y=  -200.00 (M) Z=     0.00 (M) AT  85  2  8 11
MAX CONC=0.258431E+02 X=   500.00 (M) Y=  -200.00 (M) Z=     0.00 (M) AT  85  2  8 12
MAX CONC=0.220679E+02 X=   500.00 (M) Y=  -200.00 (M) Z=     0.00 (M) AT  85  2  8 13
MAX CONC=0.213263E+02 X=   500.00 (M) Y=  -200.00 (M) Z=     0.00 (M) AT  85  2  8 14
MAX CONC=0.101351E+02 X=   500.00 (M) Y=  -200.00 (M) Z=     0.00 (M) AT  85  2  8 15
MAX CONC=0.934194E+01 X=   500.00 (M) Y=  -300.00 (M) Z=     0.00 (M) AT  85  2  8 16
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MAX CONC=0.929947E+01 X=   500.00 (M) Y=  -200.00 (M) Z=     0.00 (M) AT  85  2  8 18
MAX CONC=0.926944E+01 X=   500.00 (M) Y=  -200.00 (M) Z=     0.00 (M) AT  85  2  8 19
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MAX CONC=0.928650E+01 X=   500.00 (M) Y=  -200.00 (M) Z=     0.00 (M) AT  85  2  8 21
MAX CONC=0.899456E+01 X=   500.00 (M) Y=  -200.00 (M) Z=     0.00 (M) AT  85  2  8 22
MAX CONC=0.105039E+02 X=   500.00 (M) Y=  -100.00 (M) Z=     0.00 (M) AT  85  2  8 23
MAX CONC=0.170110E+02 X=   500.00 (M) Y=  -100.00 (M) Z=     0.00 (M) AT  85  2  8 24
MAX CONC=0.179839E+02 X=   500.00 (M) Y=  -100.00 (M) Z=     0.00 (M) AT  85  2  9  1
MAX CONC=0.159403E+02 X=   500.00 (M) Y=  -100.00 (M) Z=     0.00 (M) AT  85  2  9  2
MAX CONC=0.162446E+02 X=   500.00 (M) Y=  -200.00 (M) Z=     0.00 (M) AT  85  2  9  3
MAX CONC=0.197977E+02 X=   500.00 (M) Y=  -200.00 (M) Z=     0.00 (M) AT  85  2  9  4
MAX CONC=0.207009E+02 X=   500.00 (M) Y=  -200.00 (M) Z=     0.00 (M) AT  85  2  9  5
MAX CONC=0.190275E+02 X=   500.00 (M) Y=  -200.00 (M) Z=     0.00 (M) AT  85  2  9  6
MAX CONC=0.159344E+02 X=   500.00 (M) Y=  -200.00 (M) Z=     0.00 (M) AT  85  2  9  7
MAX CONC=0.159114E+02 X=   500.00 (M) Y=  -200.00 (M) Z=     0.00 (M) AT  85  2  9  8
MAX CONC=0.993540E+01 X=   500.00 (M) Y=  -300.00 (M) Z=     0.00 (M) AT  85  2  9  9
MAX CONC=0.151753E+02 X=   500.00 (M) Y=  -300.00 (M) Z=     0.00 (M) AT  85  2  9 10
MAX CONC=0.161143E+02 X=   500.00 (M) Y=  -300.00 (M) Z=     0.00 (M) AT  85  2  9 11
MAX CONC=0.139986E+02 X=   500.00 (M) Y=  -400.00 (M) Z=     0.00 (M) AT  85  2  9 12
MAX CONC=0.147670E+02 X=   500.00 (M) Y=  -500.00 (M) Z=     0.00 (M) AT  85  2  9 13
MAX CONC=0.167718E+02 X=   500.00 (M) Y=  -300.00 (M) Z=     0.00 (M) AT  85  2  9 14
MAX CONC=0.190735E+02 X=   500.00 (M) Y=  -400.00 (M) Z=     0.00 (M) AT  85  2  9 15
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MAX CONC=0.156017E+02 X=   400.00 (M) Y=  -500.00 (M) Z=     0.00 (M) AT  85  2  9 17
MAX CONC=0.173670E+02 X=   400.00 (M) Y=  -500.00 (M) Z=     0.00 (M) AT  85  2  9 18
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MAX CONC=0.569585E+02 X=   500.00 (M) Y=  -500.00 (M) Z=     0.00 (M) AT  85  2  9 23
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MAX CONC=0.269481E+03 X=   500.00 (M) Y=  -100.00 (M) Z=     0.00 (M) AT  85  2 10  1
MAX CONC=0.271509E+03 X=   500.00 (M) Y=   200.00 (M) Z=     0.00 (M) AT  85  2 10  2
MAX CONC=0.430835E+02 X=   300.00 (M) Y=   500.00 (M) Z=     0.00 (M) AT  85  2 10  3
MAX CONC=0.449885E+02 X=   300.00 (M) Y=   500.00 (M) Z=     0.00 (M) AT  85  2 10  4
MAX CONC=0.459831E+02 X=   300.00 (M) Y=   500.00 (M) Z=     0.00 (M) AT  85  2 10  5
MAX CONC=0.376276E+02 X=   300.00 (M) Y=   500.00 (M) Z=     0.00 (M) AT  85  2 10  6
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MAX CONC=0.382583E+02 X=   500.00 (M) Y=   400.00 (M) Z=     0.00 (M) AT  85  2 10  8
MAX CONC=0.495758E+02 X=   500.00 (M) Y=   200.00 (M) Z=     0.00 (M) AT  85  2 10  9
MAX CONC=0.404289E+02 X=   500.00 (M) Y=   400.00 (M) Z=     0.00 (M) AT  85  2 10 10
MAX CONC=0.254139E+03 X=   500.00 (M) Y=   400.00 (M) Z=     0.00 (M) AT  85  2 10 11
MAX CONC=0.258053E+03 X=   500.00 (M) Y=   200.00 (M) Z=     0.00 (M) AT  85  2 10 12
MAX CONC=0.441433E+02 X=   300.00 (M) Y=   500.00 (M) Z=     0.00 (M) AT  85  2 10 13
MAX CONC=0.337426E+02 X=     0.00 (M) Y=   500.00 (M) Z=     0.00 (M) AT  85  2 10 14
MAX CONC=0.411107E+02 X=     0.00 (M) Y=   500.00 (M) Z=     0.00 (M) AT  85  2 10 15
MAX CONC=0.388337E+02 X=  -100.00 (M) Y=   500.00 (M) Z=     0.00 (M) AT  85  2 10 16
MAX CONC=0.180952E+02 X=  -200.00 (M) Y=   500.00 (M) Z=     0.00 (M) AT  85  2 10 17
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MAX CONC=0.189147E+02 X=  -200.00 (M) Y=   500.00 (M) Z=     0.00 (M) AT  85  2 10 20
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MAX CONC=0.220812E+02 X=  -500.00 (M) Y=   300.00 (M) Z=     0.00 (M) AT  85  2 11  1
MAX CONC=0.267628E+02 X=  -500.00 (M) Y=   200.00 (M) Z=     0.00 (M) AT  85  2 11  2
MAX CONC=0.306646E+02 X=  -500.00 (M) Y=     0.00 (M) Z=     0.00 (M) AT  85  2 11  3
MAX CONC=0.224951E+02 X=  -500.00 (M) Y=     0.00 (M) Z=     0.00 (M) AT  85  2 11  4
MAX CONC=0.218183E+02 X=  -500.00 (M) Y=   100.00 (M) Z=     0.00 (M) AT  85  2 11  5
MAX CONC=0.258483E+02 X=  -500.00 (M) Y=   100.00 (M) Z=     0.00 (M) AT  85  2 11  6
MAX CONC=0.280919E+02 X=  -500.00 (M) Y=     0.00 (M) Z=     0.00 (M) AT  85  2 11  7
MAX CONC=0.241786E+02 X=  -500.00 (M) Y=     0.00 (M) Z=     0.00 (M) AT  85  2 11  8
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MAX CONC=0.221419E+02 X= -500.00 (M) Y=    0.00 (M) Z=    0.00 (M) AT 85 2 11 10
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MAX CONC=0.112002E+02 X= -500.00 (M) Y=  200.00 (M) Z=    0.00 (M) AT 85 2 11 12
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MAX CONC=0.117262E+02 X= -500.00 (M) Y=  300.00 (M) Z=    0.00 (M) AT 85 2 11 16
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MAX CONC=0.113187E+02 X= -500.00 (M) Y=  500.00 (M) Z=    0.00 (M) AT 85 2 11 18
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MAX CONC=0.113053E+02 X= -500.00 (M) Y=  400.00 (M) Z=    0.00 (M) AT 85 2 11 20
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MAX CONC=0.164524E+02 X= -500.00 (M) Y=  200.00 (M) Z=    0.00 (M) AT 85 2 11 24
MAX CONC=0.119711E+02 X= -500.00 (M) Y=  200.00 (M) Z=    0.00 (M) AT 85 2 12  1
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MAX CONC=0.218922E+02 X= -500.00 (M) Y=  100.00 (M) Z=    0.00 (M) AT 85 2 12  5
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MAX CONC=0.157467E+02 X= -500.00 (M) Y=  200.00 (M) Z=    0.00 (M) AT 85 2 12  9
MAX CONC=0.172457E+02 X= -500.00 (M) Y=    0.00 (M) Z=    0.00 (M) AT 85 2 12 10
MAX CONC=0.162333E+02 X= -500.00 (M) Y=    0.00 (M) Z=    0.00 (M) AT 85 2 12 11
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MAX CONC=0.131695E+02 X= -200.00 (M) Y= -500.00 (M) Z=    0.00 (M) AT 85 2 12 17
MAX CONC=0.849802E+01 X=  500.00 (M) Y= -300.00 (M) Z=    0.00 (M) AT 85 2 12 18
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MAX CONC=0.803201E+01 X= -400.00 (M) Y= -500.00 (M) Z=    0.00 (M) AT 85 2 12 24
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MAX CONC=0.179191E+02 X= -200.00 (M) Y= -500.00 (M) Z=    0.00 (M) AT 85 2 13  2
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MAX CONC=0.184433E+02 X= -100.00 (M) Y= -500.00 (M) Z=    0.00 (M) AT 85 2 13  4
MAX CONC=0.217664E+02 X= -100.00 (M) Y= -500.00 (M) Z=    0.00 (M) AT 85 2 13  5
MAX CONC=0.284893E+02 X=    0.00 (M) Y= -500.00 (M) Z=    0.00 (M) AT 85 2 13  6
MAX CONC=0.173876E+02 X=  100.00 (M) Y= -500.00 (M) Z=    0.00 (M) AT 85 2 13  7
MAX CONC=0.173047E+02 X=  100.00 (M) Y= -500.00 (M) Z=    0.00 (M) AT 85 2 13  8
MAX CONC=0.183581E+02 X=  100.00 (M) Y= -500.00 (M) Z=    0.00 (M) AT 85 2 13  9
MAX CONC=0.182538E+02 X=  100.00 (M) Y= -500.00 (M) Z=    0.00 (M) AT 85 2 13 10
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MAX CONC=0.159884E+02 X=    0.00 (M) Y= -500.00 (M) Z=    0.00 (M) AT 85 2 13 12
MAX CONC=0.202074E+02 X=  100.00 (M) Y= -500.00 (M) Z=    0.00 (M) AT 85 2 13 13
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MAX CONC=0.136269E+02 X=  500.00 (M) Y=  200.00 (M) Z=    0.00 (M) AT 85 2 14 12
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MAX CONC=0.131751E+02 X=  500.00 (M) Y=  100.00 (M) Z=    0.00 (M) AT 85 2 14 17
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MAX CONC=0.142069E+02 X= 500.00 (M) Y= 0.00 (M) Z= 0.00 (M) AT 85 2 15 16
MAX CONC=0.168713E+02 X= 500.00 (M) Y= 0.00 (M) Z= 0.00 (M) AT 85 2 15 17
MAX CONC=0.189557E+02 X= 500.00 (M) Y= 100.00 (M) Z= 0.00 (M) AT 85 2 15 18
MAX CONC=0.133841E+02 X= 500.00 (M) Y= 200.00 (M) Z= 0.00 (M) AT 85 2 15 19
MAX CONC=0.148142E+02 X= 500.00 (M) Y= 100.00 (M) Z= 0.00 (M) AT 85 2 15 20
MAX CONC=0.144111E+02 X= 500.00 (M) Y= 100.00 (M) Z= 0.00 (M) AT 85 2 15 21
MAX CONC=0.162753E+02 X= 500.00 (M) Y= 100.00 (M) Z= 0.00 (M) AT 85 2 15 22
MAX CONC=0.172914E+02 X= 500.00 (M) Y= 100.00 (M) Z= 0.00 (M) AT 85 2 15 23
MAX CONC=0.257815E+02 X= 500.00 (M) Y= 100.00 (M) Z= 0.00 (M) AT 85 2 15 24
MAX CONC=0.226058E+02 X= 500.00 (M) Y= 400.00 (M) Z= 0.00 (M) AT 85 2 16 1
MAX CONC=0.141146E+02 X= 300.00 (M) Y= 500.00 (M) Z= 0.00 (M) AT 85 2 16 2
MAX CONC=0.277435E+02 X= 400.00 (M) Y= 500.00 (M) Z= 0.00 (M) AT 85 2 16 3
MAX CONC=0.167987E+02 X= 500.00 (M) Y= 0.00 (M) Z= 0.00 (M) AT 85 2 16 4
MAX CONC=0.274372E+02 X= 500.00 (M) Y= 0.00 (M) Z= 0.00 (M) AT 85 2 16 5
MAX CONC=0.207010E+02 X= 500.00 (M) Y= 200.00 (M) Z= 0.00 (M) AT 85 2 16 6
MAX CONC=0.248090E+02 X= 500.00 (M) Y= 300.00 (M) Z= 0.00 (M) AT 85 2 16 7
MAX CONC=0.261042E+02 X= 500.00 (M) Y= 200.00 (M) Z= 0.00 (M) AT 85 2 16 8
MAX CONC=0.338139E+02 X= 500.00 (M) Y= 200.00 (M) Z= 0.00 (M) AT 85 2 16 9
MAX CONC=0.244596E+02 X= 400.00 (M) Y= 500.00 (M) Z= 0.00 (M) AT 85 2 16 10
MAX CONC=0.128507E+02 X= 400.00 (M) Y= 500.00 (M) Z= 0.00 (M) AT 85 2 16 11
MAX CONC=0.112919E+02 X= 300.00 (M) Y= 500.00 (M) Z= 0.00 (M) AT 85 2 16 12
MAX CONC=0.123401E+02 X= 200.00 (M) Y= 500.00 (M) Z= 0.00 (M) AT 85 2 16 13
MAX CONC=0.112208E+02 X= 200.00 (M) Y= 500.00 (M) Z= 0.00 (M) AT 85 2 16 14
MAX CONC=0.117081E+02 X= 200.00 (M) Y= 500.00 (M) Z= 0.00 (M) AT 85 2 16 15
MAX CONC=0.108756E+02 X= 100.00 (M) Y= 500.00 (M) Z= 0.00 (M) AT 85 2 16 16
MAX CONC=0.101051E+02 X= 100.00 (M) Y= 500.00 (M) Z= 0.00 (M) AT 85 2 16 17
MAX CONC=0.948524E+01 X= 100.00 (M) Y= 500.00 (M) Z= 0.00 (M) AT 85 2 16 18
MAX CONC=0.906711E+01 X= 0.00 (M) Y= 500.00 (M) Z= 0.00 (M) AT 85 2 16 19
MAX CONC=0.851605E+01 X= 0.00 (M) Y= 500.00 (M) Z= 0.00 (M) AT 85 2 16 20
MAX CONC=0.739367E+01 X= 0.00 (M) Y= 500.00 (M) Z= 0.00 (M) AT 85 2 16 21
MAX CONC=0.720554E+01 X= 100.00 (M) Y= 500.00 (M) Z= 0.00 (M) AT 85 2 16 22
MAX CONC=0.755225E+01 X= 100.00 (M) Y= 500.00 (M) Z= 0.00 (M) AT 85 2 16 23
MAX CONC=0.806225E+01 X= 100.00 (M) Y= 500.00 (M) Z= 0.00 (M) AT 85 2 16 24
MAX CONC=0.919683E+01 X= 200.00 (M) Y= 500.00 (M) Z= 0.00 (M) AT 85 2 17 1
MAX CONC=0.794914E+01 X= 300.00 (M) Y= 500.00 (M) Z= 0.00 (M) AT 85 2 17 2
MAX CONC=0.113169E+02 X= 300.00 (M) Y= 500.00 (M) Z= 0.00 (M) AT 85 2 17 3
MAX CONC=0.111124E+02 X= 500.00 (M) Y= 200.00 (M) Z= 0.00 (M) AT 85 2 17 4
MAX CONC=0.949758E+01 X= 500.00 (M) Y= 0.00 (M) Z= 0.00 (M) AT 85 2 17 5
MAX CONC=0.120895E+02 X= 500.00 (M) Y= 0.00 (M) Z= 0.00 (M) AT 85 2 17 6
MAX CONC=0.111362E+02 X= 500.00 (M) Y= 0.00 (M) Z= 0.00 (M) AT 85 2 17 7
MAX CONC=0.138334E+02 X= 500.00 (M) Y= 100.00 (M) Z= 0.00 (M) AT 85 2 17 8
MAX CONC=0.173483E+02 X= 500.00 (M) Y= 300.00 (M) Z= 0.00 (M) AT 85 2 17 9
MAX CONC=0.141312E+02 X= 400.00 (M) Y= 500.00 (M) Z= 0.00 (M) AT 85 2 17 10
MAX CONC=0.101137E+02 X= 300.00 (M) Y= 500.00 (M) Z= 0.00 (M) AT 85 2 17 11
MAX CONC=0.909552E+01 X= 500.00 (M) Y= 400.00 (M) Z= 0.00 (M) AT 85 2 17 12
MAX CONC=0.993119E+01 X= 500.00 (M) Y= 300.00 (M) Z= 0.00 (M) AT 85 2 17 13
MAX CONC=0.240045E+02 X= 500.00 (M) Y= 200.00 (M) Z= 0.00 (M) AT 85 2 17 14
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MAX CONC=0.123471E+02 X= 500.00 (M) Y= 400.00 (M) Z= 0.00 (M) AT 85 2 17 16
MAX CONC=0.940989E+01 X= 300.00 (M) Y= 500.00 (M) Z= 0.00 (M) AT 85 2 17 17
MAX CONC=0.898098E+01 X= 500.00 (M) Y= 400.00 (M) Z= 0.00 (M) AT 85 2 17 18
MAX CONC=0.863018E+01 X= 500.00 (M) Y= 200.00 (M) Z= 0.00 (M) AT 85 2 17 19
MAX CONC=0.105359E+02 X= 500.00 (M) Y= 200.00 (M) Z= 0.00 (M) AT 85 2 17 20
MAX CONC=0.100132E+02 X= 500.00 (M) Y= 100.00 (M) Z= 0.00 (M) AT 85 2 17 21
MAX CONC=0.829697E+01 X= 500.00 (M) Y= 100.00 (M) Z= 0.00 (M) AT 85 2 17 22
MAX CONC=0.101292E+02 X= 500.00 (M) Y= 100.00 (M) Z= 0.00 (M) AT 85 2 17 23
MAX CONC=0.164130E+02 X= 500.00 (M) Y= 100.00 (M) Z= 0.00 (M) AT 85 2 17 24
MAX CONC=0.195848E+02 X= 500.00 (M) Y= 0.00 (M) Z= 0.00 (M) AT 85 2 18 1
MAX CONC=0.197867E+02 X= 500.00 (M) Y= 0.00 (M) Z= 0.00 (M) AT 85 2 18 2
MAX CONC=0.404376E+02 X= 500.00 (M) Y= 100.00 (M) Z= 0.00 (M) AT 85 2 18 3
MAX CONC=0.549398E+02 X= 500.00 (M) Y= 200.00 (M) Z= 0.00 (M) AT 85 2 18 4
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MAX CONC=0.364877E+02 X= 500.00 (M) Y= 300.00 (M) Z= 0.00 (M) AT 85 2 18 6
MAX CONC=0.356635E+02 X= 500.00 (M) Y= 300.00 (M) Z= 0.00 (M) AT 85 2 18 7
MAX CONC=0.365977E+02 X= 500.00 (M) Y= 300.00 (M) Z= 0.00 (M) AT 85 2 18 8
MAX CONC=0.280658E+02 X= 500.00 (M) Y= 300.00 (M) Z= 0.00 (M) AT 85 2 18 9
MAX CONC=0.277667E+02 X= 500.00 (M) Y= 300.00 (M) Z= 0.00 (M) AT 85 2 18 10
MAX CONC=0.293553E+02 X= 500.00 (M) Y= 400.00 (M) Z= 0.00 (M) AT 85 2 18 11
MAX CONC=0.293553E+02 X= 500.00 (M) Y= 400.00 (M) Z= 0.00 (M) AT 85 2 18 12
MAX CONC=0.137706E+02 X= 500.00 (M) Y= 400.00 (M) Z= 0.00 (M) AT 85 2 18 13
MAX CONC=0.155074E+02 X= 300.00 (M) Y= 500.00 (M) Z= 0.00 (M) AT 85 2 18 14
MAX CONC=0.167298E+02 X= 200.00 (M) Y= 500.00 (M) Z= 0.00 (M) AT 85 2 18 15

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MAX CONC=0.138334E+02 X=   100.00 (M) Y=   500.00 (M) Z=     0.00 (M) AT 85  2 18 16
MAX CONC=0.133040E+02 X=   100.00 (M) Y=   500.00 (M) Z=     0.00 (M) AT 85  2 18 17
MAX CONC=0.126709E+02 X=   100.00 (M) Y=   500.00 (M) Z=     0.00 (M) AT 85  2 18 18
MAX CONC=0.118481E+02 X=   100.00 (M) Y=   500.00 (M) Z=     0.00 (M) AT 85  2 18 19
MAX CONC=0.936511E+01 X=     0.00 (M) Y=   500.00 (M) Z=     0.00 (M) AT 85  2 18 20
MAX CONC=0.907979E+01 X=   100.00 (M) Y=   500.00 (M) Z=     0.00 (M) AT 85  2 18 21
MAX CONC=0.778804E+01 X=   100.00 (M) Y=   500.00 (M) Z=     0.00 (M) AT 85  2 18 22
MAX CONC=0.735677E+01 X=   200.00 (M) Y=   500.00 (M) Z=     0.00 (M) AT 85  2 18 23
MAX CONC=0.670974E+01 X=   300.00 (M) Y=   500.00 (M) Z=     0.00 (M) AT 85  2 18 24
MAX CONC=0.637304E+01 X=   200.00 (M) Y=   500.00 (M) Z=     0.00 (M) AT 85  2 19  1
MAX CONC=0.685558E+01 X=   200.00 (M) Y=   500.00 (M) Z=     0.00 (M) AT 85  2 19  2
MAX CONC=0.664181E+01 X=   300.00 (M) Y=   500.00 (M) Z=     0.00 (M) AT 85  2 19  3
MAX CONC=0.899635E+01 X=   500.00 (M) Y=   300.00 (M) Z=     0.00 (M) AT 85  2 19  4
MAX CONC=0.938210E+01 X=   500.00 (M) Y=   100.00 (M) Z=     0.00 (M) AT 85  2 19  5
MAX CONC=0.787825E+01 X=   500.00 (M) Y=   100.00 (M) Z=     0.00 (M) AT 85  2 19  6
MAX CONC=0.689876E+01 X=   500.00 (M) Y=     0.00 (M) Z=     0.00 (M) AT 85  2 19  7
MAX CONC=0.793902E+01 X=   500.00 (M) Y=     0.00 (M) Z=     0.00 (M) AT 85  2 19  8
MAX CONC=0.879157E+01 X=   500.00 (M) Y=     0.00 (M) Z=     0.00 (M) AT 85  2 19  9
MAX CONC=0.904890E+01 X=   500.00 (M) Y=     0.00 (M) Z=     0.00 (M) AT 85  2 19 10
MAX CONC=0.153293E+02 X=   500.00 (M) Y=     0.00 (M) Z=     0.00 (M) AT 85  2 19 11
MAX CONC=0.112393E+02 X=   500.00 (M) Y=     0.00 (M) Z=     0.00 (M) AT 85  2 19 12
MAX CONC=0.151443E+02 X=   500.00 (M) Y=     0.00 (M) Z=     0.00 (M) AT 85  2 19 13
MAX CONC=0.193058E+02 X=   500.00 (M) Y=     0.00 (M) Z=     0.00 (M) AT 85  2 19 14
MAX CONC=0.154871E+02 X=   500.00 (M) Y=     0.00 (M) Z=     0.00 (M) AT 85  2 19 15
MAX CONC=0.112393E+02 X=   500.00 (M) Y=     0.00 (M) Z=     0.00 (M) AT 85  2 19 16
MAX CONC=0.107873E+02 X=   500.00 (M) Y=  -200.00 (M) Z=     0.00 (M) AT 85  2 19 17
MAX CONC=0.194074E+02 X=   500.00 (M) Y=  -100.00 (M) Z=     0.00 (M) AT 85  2 19 18
MAX CONC=0.203915E+02 X=   500.00 (M) Y=   100.00 (M) Z=     0.00 (M) AT 85  2 19 19
MAX CONC=0.204795E+02 X=   500.00 (M) Y=     0.00 (M) Z=     0.00 (M) AT 85  2 19 20
MAX CONC=0.280658E+02 X=   500.00 (M) Y=   300.00 (M) Z=     0.00 (M) AT 85  2 19 21
MAX CONC=0.361744E+02 X=   500.00 (M) Y=   300.00 (M) Z=     0.00 (M) AT 85  2 19 22
MAX CONC=0.482696E+02 X=   400.00 (M) Y=   500.00 (M) Z=     0.00 (M) AT 85  2 19 23
MAX CONC=0.639137E+02 X=   300.00 (M) Y=   500.00 (M) Z=     0.00 (M) AT 85  2 19 24
MAX CONC=0.324154E+02 X=   200.00 (M) Y=   500.00 (M) Z=     0.00 (M) AT 85  2 20  1
MAX CONC=0.161478E+02 X=   400.00 (M) Y=   500.00 (M) Z=     0.00 (M) AT 85  2 20  2
MAX CONC=0.160616E+02 X=   400.00 (M) Y=   500.00 (M) Z=     0.00 (M) AT 85  2 20  3
MAX CONC=0.161931E+02 X=   300.00 (M) Y=   500.00 (M) Z=     0.00 (M) AT 85  2 20  4
MAX CONC=0.173938E+02 X=   400.00 (M) Y=   500.00 (M) Z=     0.00 (M) AT 85  2 20  5
MAX CONC=0.164279E+02 X=   300.00 (M) Y=   500.00 (M) Z=     0.00 (M) AT 85  2 20  6
MAX CONC=0.149048E+02 X=   200.00 (M) Y=   500.00 (M) Z=     0.00 (M) AT 85  2 20  7
MAX CONC=0.145185E+02 X=   200.00 (M) Y=   500.00 (M) Z=     0.00 (M) AT 85  2 20  8
MAX CONC=0.165575E+02 X=   300.00 (M) Y=   500.00 (M) Z=     0.00 (M) AT 85  2 20  9
MAX CONC=0.161931E+02 X=   300.00 (M) Y=   500.00 (M) Z=     0.00 (M) AT 85  2 20 10
MAX CONC=0.138919E+02 X=   400.00 (M) Y=   500.00 (M) Z=     0.00 (M) AT 85  2 20 11
MAX CONC=0.613885E+02 X=   500.00 (M) Y=   400.00 (M) Z=     0.00 (M) AT 85  2 20 12
MAX CONC=0.638336E+02 X=   500.00 (M) Y=   300.00 (M) Z=     0.00 (M) AT 85  2 20 13
MAX CONC=0.800259E+02 X=   500.00 (M) Y=   400.00 (M) Z=     0.00 (M) AT 85  2 20 14
MAX CONC=0.369773E+02 X=   500.00 (M) Y=   500.00 (M) Z=     0.00 (M) AT 85  2 20 15
MAX CONC=0.410800E+02 X=   300.00 (M) Y=   500.00 (M) Z=     0.00 (M) AT 85  2 20 16
MAX CONC=0.365025E+02 X=   300.00 (M) Y=   500.00 (M) Z=     0.00 (M) AT 85  2 20 17
MAX CONC=0.205923E+02 X=   200.00 (M) Y=   500.00 (M) Z=     0.00 (M) AT 85  2 20 18
MAX CONC=0.151479E+02 X=     0.00 (M) Y=   500.00 (M) Z=     0.00 (M) AT 85  2 20 19
MAX CONC=0.213816E+02 X=     0.00 (M) Y=   500.00 (M) Z=     0.00 (M) AT 85  2 20 20
MAX CONC=0.215139E+02 X=     0.00 (M) Y=   500.00 (M) Z=     0.00 (M) AT 85  2 20 21
MAX CONC=0.241937E+02 X=     0.00 (M) Y=   500.00 (M) Z=     0.00 (M) AT 85  2 20 22
MAX CONC=0.263280E+02 X=     0.00 (M) Y=   500.00 (M) Z=     0.00 (M) AT 85  2 20 23
MAX CONC=0.283608E+02 X=     0.00 (M) Y=   500.00 (M) Z=     0.00 (M) AT 85  2 20 24
MAX CONC=0.248373E+02 X=     0.00 (M) Y=   500.00 (M) Z=     0.00 (M) AT 85  2 21  1
MAX CONC=0.310674E+02 X=     0.00 (M) Y=   500.00 (M) Z=     0.00 (M) AT 85  2 21  2
MAX CONC=0.283021E+02 X=     0.00 (M) Y=   500.00 (M) Z=     0.00 (M) AT 85  2 21  3
MAX CONC=0.283021E+02 X=     0.00 (M) Y=   500.00 (M) Z=     0.00 (M) AT 85  2 21  4
MAX CONC=0.272783E+02 X=  -100.00 (M) Y=   500.00 (M) Z=     0.00 (M) AT 85  2 21  5
MAX CONC=0.260539E+02 X=  -100.00 (M) Y=   500.00 (M) Z=     0.00 (M) AT 85  2 21  6
MAX CONC=0.175229E+02 X=  -100.00 (M) Y=   500.00 (M) Z=     0.00 (M) AT 85  2 21  7
MAX CONC=0.180976E+02 X=     0.00 (M) Y=   500.00 (M) Z=     0.00 (M) AT 85  2 21  8
MAX CONC=0.219207E+02 X=     0.00 (M) Y=   500.00 (M) Z=     0.00 (M) AT 85  2 21  9
MAX CONC=0.221419E+02 X=     0.00 (M) Y=   500.00 (M) Z=     0.00 (M) AT 85  2 21 10
MAX CONC=0.206803E+02 X=     0.00 (M) Y=   500.00 (M) Z=     0.00 (M) AT 85  2 21 11
MAX CONC=0.206803E+02 X=     0.00 (M) Y=   500.00 (M) Z=     0.00 (M) AT 85  2 21 12
MAX CONC=0.159884E+02 X=     0.00 (M) Y=   500.00 (M) Z=     0.00 (M) AT 85  2 21 13
MAX CONC=0.163658E+02 X=   100.00 (M) Y=   500.00 (M) Z=     0.00 (M) AT 85  2 21 14
MAX CONC=0.112597E+02 X=   100.00 (M) Y=   500.00 (M) Z=     0.00 (M) AT 85  2 21 15
MAX CONC=0.944258E+01 X=   100.00 (M) Y=   500.00 (M) Z=     0.00 (M) AT 85  2 21 16
MAX CONC=0.980565E+01 X=   100.00 (M) Y=   500.00 (M) Z=     0.00 (M) AT 85  2 21 17
MAX CONC=0.867075E+01 X=   200.00 (M) Y=   500.00 (M) Z=     0.00 (M) AT 85  2 21 18
MAX CONC=0.926943E+01 X=   200.00 (M) Y=   500.00 (M) Z=     0.00 (M) AT 85  2 21 19
MAX CONC=0.102567E+02 X=   200.00 (M) Y=   500.00 (M) Z=     0.00 (M) AT 85  2 21 20
MAX CONC=0.913292E+01 X=   200.00 (M) Y=   500.00 (M) Z=     0.00 (M) AT 85  2 21 21
MAX CONC=0.869376E+01 X=   200.00 (M) Y=   500.00 (M) Z=     0.00 (M) AT 85  2 21 22
MAX CONC=0.928650E+01 X=   200.00 (M) Y=   500.00 (M) Z=     0.00 (M) AT 85  2 21 23
MAX CONC=0.787241E+01 X=   200.00 (M) Y=   500.00 (M) Z=     0.00 (M) AT 85  2 21 24
MAX CONC=0.995527E+01 X=   200.00 (M) Y=   500.00 (M) Z=     0.00 (M) AT 85  2 22  1
MAX CONC=0.892200E+01 X=   200.00 (M) Y=   500.00 (M) Z=     0.00 (M) AT 85  2 22  2
MAX CONC=0.100132E+02 X=   100.00 (M) Y=   500.00 (M) Z=     0.00 (M) AT 85  2 22  3
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MAX CONC=0.988096E+01 X= 100.00 (M) Y= 500.00 (M) Z=  0.00 (M) AT 85 2 22  4
MAX CONC=0.960012E+01 X= 200.00 (M) Y= 500.00 (M) Z=  0.00 (M) AT 85 2 22  5
MAX CONC=0.919522E+01 X= 300.00 (M) Y= 500.00 (M) Z=  0.00 (M) AT 85 2 23  6
MAX CONC=0.879433E+01 X= 300.00 (M) Y= 500.00 (M) Z=  0.00 (M) AT 85 2 22  7
MAX CONC=0.868666E+01 X= 400.00 (M) Y= 500.00 (M) Z=  0.00 (M) AT 85 2 23  8
MAX CONC=0.105720E+02 X= 300.00 (M) Y= 500.00 (M) Z=  0.00 (M) AT 85 2 22  9
MAX CONC=0.108716E+02 X= 400.00 (M) Y= 500.00 (M) Z=  0.00 (M) AT 85 2 22 10
MAX CONC=0.101446E+02 X= 500.00 (M) Y= 400.00 (M) Z=  0.00 (M) AT 85 2 22 11
MAX CONC=0.118332E+02 X= 400.00 (M) Y= 500.00 (M) Z=  0.00 (M) AT 85 2 22 12
MAX CONC=0.121259E+02 X= 400.00 (M) Y= 500.00 (M) Z=  0.00 (M) AT 85 2 22 13
MAX CONC=0.115676E+02 X= 300.00 (M) Y= 500.00 (M) Z=  0.00 (M) AT 85 2 22 14
MAX CONC=0.105720E+02 X= 300.00 (M) Y= 500.00 (M) Z=  0.00 (M) AT 85 2 22 15
MAX CONC=0.107943E+02 X= 300.00 (M) Y= 500.00 (M) Z=  0.00 (M) AT 85 2 22 16
MAX CONC=0.112844E+02 X= 300.00 (M) Y= 500.00 (M) Z=  0.00 (M) AT 85 2 22 17
MAX CONC=0.107943E+02 X= 300.00 (M) Y= 500.00 (M) Z=  0.00 (M) AT 85 2 22 18
MAX CONC=0.115676E+02 X= 300.00 (M) Y= 500.00 (M) Z=  0.00 (M) AT 85 2 22 19
MAX CONC=0.160212E+02 X= 300.00 (M) Y= 500.00 (M) Z=  0.00 (M) AT 85 2 22 20
MAX CONC=0.113503E+02 X= 300.00 (M) Y= 900.00 (M) Z=  0.00 (M) AT 85 2 22 21
MAX CONC=0.133009E+02 X= 400.00 (M) Y= 900.00 (M) Z=  0.00 (M) AT 85 2 22 22
MAX CONC=0.150549E+02 X= 300.00 (M) Y= 500.00 (M) Z=  0.00 (M) AT 85 2 22 23
MAX CONC=0.146055E+02 X= 300.00 (M) Y= 900.00 (M) Z=  0.00 (M) AT 85 2 22 24
MAX CONC=0.155233E+02 X= 300.00 (M) Y= 500.00 (M) Z=  0.00 (M) AT 85 2 23  1
MAX CONC=0.165511E+02 X= 300.00 (M) Y= 500.00 (M) Z=  0.00 (M) AT 85 2 23  2
MAX CONC=0.180952E+02 X= 200.00 (M) Y= 500.00 (M) Z=  0.00 (M) AT 85 2 23  3
MAX CONC=0.161825E+02 X= 200.00 (M) Y= 500.00 (M) Z=  0.00 (M) AT 85 2 23  4
MAX CONC=0.165988E+02 X= 300.00 (M) Y= 500.00 (M) Z=  0.00 (M) AT 85 2 23  5
MAX CONC=0.168544E+02 X= 200.00 (M) Y= 500.00 (M) Z=  0.00 (M) AT 85 2 23  6
MAX CONC=0.191975E+02 X= 300.00 (M) Y= 500.00 (M) Z=  0.00 (M) AT 85 2 23  7
MAX CONC=0.207457E+02 X= 200.00 (M) Y= 500.00 (M) Z=  0.00 (M) AT 85 2 23  8
MAX CONC=0.204690E+02 X= 100.00 (M) Y= 500.00 (M) Z=  0.00 (M) AT 85 2 23  9
MAX CONC=0.233639E+02 X= 100.00 (M) Y= 500.00 (M) Z=  0.00 (M) AT 85 2 23 10
MAX CONC=0.218748E+02 X= 100.00 (M) Y= 500.00 (M) Z=  0.00 (M) AT 85 2 23 11
MAX CONC=0.166446E+02 X= 100.00 (M) Y= 500.00 (M) Z=  0.00 (M) AT 85 2 23 12
MAX CONC=0.145607E+02 X= 100.00 (M) Y= 500.00 (M) Z=  0.00 (M) AT 85 2 23 13
MAX CONC=0.126121E+02 X= 200.00 (M) Y= 500.00 (M) Z=  0.00 (M) AT 85 2 23 14
MAX CONC=0.115278E+02 X= 100.00 (M) Y= 500.00 (M) Z=  0.00 (M) AT 85 2 23 15
MAX CONC=0.116866E+02 X= 200.00 (M) Y= 500.00 (M) Z=  0.00 (M) AT 85 2 23 16
MAX CONC=0.105571E+02 X= 200.00 (M) Y= 500.00 (M) Z=  0.00 (M) AT 85 2 23 17
MAX CONC=0.107545E+02 X= 300.00 (M) Y= 500.00 (M) Z=  0.00 (M) AT 85 2 23 18
MAX CONC=0.164151E+02 X= 300.00 (M) Y= 500.00 (M) Z=  0.00 (M) AT 85 2 23 19
MAX CONC=0.165575E+02 X= 300.00 (M) Y= 500.00 (M) Z=  0.00 (M) AT 85 2 23 20
MAX CONC=0.155621E+02 X= 300.00 (M) Y= 500.00 (M) Z=  0.00 (M) AT 85 2 23 21
MAX CONC=0.164615E+02 X= 200.00 (M) Y= 500.00 (M) Z=  0.00 (M) AT 85 2 23 22
MAX CONC=0.149802E+02 X= 200.00 (M) Y= 500.00 (M) Z=  0.00 (M) AT 85 2 23 23
MAX CONC=0.165575E+02 X= 300.00 (M) Y= 500.00 (M) Z=  0.00 (M) AT 85 2 23 24
MAX CONC=0.199187E+02 X= 200.00 (M) Y= 500.00 (M) Z=  0.00 (M) AT 85 2 24  1
MAX CONC=0.410271E+02 X= 300.00 (M) Y= 500.00 (M) Z=  0.00 (M) AT 85 2 24  2
MAX CONC=0.933066E+02 X=   0.00 (M) Y= 500.00 (M) Z=  0.00 (M) AT 85 2 24  3
MAX CONC=0.499951E+02 X=   0.00 (M) Y= 500.00 (M) Z=  0.00 (M) AT 85 2 24  4
MAX CONC=0.525276E+02 X=-100.00 (M) Y= 500.00 (M) Z=  0.00 (M) AT 85 2 24  5
MAX CONC=0.257815E+02 X= 100.00 (M) Y= 500.00 (M) Z=  0.00 (M) AT 85 2 24  6
MAX CONC=0.166310E+02 X= 200.00 (M) Y= 500.00 (M) Z=  0.00 (M) AT 85 2 24  7
MAX CONC=0.128262E+02 X= 200.00 (M) Y= 500.00 (M) Z=  0.00 (M) AT 85 2 24  8
MAX CONC=0.126121E+02 X= 200.00 (M) Y= 500.00 (M) Z=  0.00 (M) AT 85 2 24  9
MAX CONC=0.116313E+02 X= 300.00 (M) Y= 500.00 (M) Z=  0.00 (M) AT 85 2 24 10
MAX CONC=0.117263E+02 X= 300.00 (M) Y= 500.00 (M) Z=  0.00 (M) AT 85 2 24 11
MAX CONC=0.114884E+02 X= 400.00 (M) Y= 500.00 (M) Z=  0.00 (M) AT 85 2 24 12
MAX CONC=0.112112E+02 X= 400.00 (M) Y= 500.00 (M) Z=  0.00 (M) AT 85 2 24 13
MAX CONC=0.112938E+02 X= 400.00 (M) Y= 500.00 (M) Z=  0.00 (M) AT 85 2 24 14
MAX CONC=0.121457E+02 X= 300.00 (M) Y= 500.00 (M) Z=  0.00 (M) AT 85 2 24 15
MAX CONC=0.125470E+02 X= 400.00 (M) Y= 500.00 (M) Z=  0.00 (M) AT 85 2 24 16
MAX CONC=0.132052E+02 X= 300.00 (M) Y= 500.00 (M) Z=  0.00 (M) AT 85 2 24 17
MAX CONC=0.205324E+02 X= 500.00 (M) Y= 600.00 (M) Z=  0.00 (M) AT 85 2 24 18
MAX CONC=0.204436E+02 X= 500.00 (M) Y=-400.00 (M) Z=  0.00 (M) AT 85 2 24 19
MAX CONC=0.176262E+02 X= 500.00 (M) Y=-200.00 (M) Z=  0.00 (M) AT 85 2 24 20
MAX CONC=0.947736E+01 X= 500.00 (M) Y=-300.00 (M) Z=  0.00 (M) AT 85 2 24 21
MAX CONC=0.119711E+02 X= 500.00 (M) Y=-200.00 (M) Z=  0.00 (M) AT 85 2 24 22
MAX CONC=0.156888E+02 X= 500.00 (M) Y=-200.00 (M) Z=  0.00 (M) AT 85 2 24 23
MAX CONC=0.134650E+02 X= 500.00 (M) Y=-200.00 (M) Z=  0.00 (M) AT 85 2 24 24
MAX CONC=0.147119E+02 X= 500.00 (M) Y=-200.00 (M) Z=  0.00 (M) AT 85 2 25  1
MAX CONC=0.130417E+02 X= 500.00 (M) Y=-200.00 (M) Z=  0.00 (M) AT 85 2 25  2
MAX CONC=0.133841E+02 X= 500.00 (M) Y=-200.00 (M) Z=  0.00 (M) AT 85 2 25  3
MAX CONC=0.139385E+02 X= 500.00 (M) Y=-200.00 (M) Z=  0.00 (M) AT 85 2 25  4
MAX CONC=0.171980E+02 X= 500.00 (M) Y=-100.00 (M) Z=  0.00 (M) AT 85 2 25  5
MAX CONC=0.192790E+02 X= 500.00 (M) Y=   0.00 (M) Z=  0.00 (M) AT 85 2 25  6
MAX CONC=0.218748E+02 X= 500.00 (M) Y=-100.00 (M) Z=  0.00 (M) AT 85 2 25  7
MAX CONC=0.201031E+02 X= 500.00 (M) Y=-100.00 (M) Z=  0.00 (M) AT 85 2 25  8
MAX CONC=0.241786E+02 X= 500.00 (M) Y=   0.00 (M) Z=  0.00 (M) AT 85 2 25  9
MAX CONC=0.385571E+02 X= 500.00 (M) Y=   0.00 (M) Z=  0.00 (M) AT 85 2 25 10
MAX CONC=0.511076E+02 X= 500.00 (M) Y=   0.00 (M) Z=  0.00 (M) AT 85 2 25 11
MAX CONC=0.449767E+02 X= 500.00 (M) Y=   0.00 (M) Z=  0.00 (M) AT 85 2 25 12
MAX CONC=0.148091E+02 X= 500.00 (M) Y= 200.00 (M) Z=  0.00 (M) AT 85 2 25 13
MAX CONC=0.149336E+02 X= 500.00 (M) Y= 100.00 (M) Z=  0.00 (M) AT 85 2 25 14
MAX CONC=0.678798E+01 X= 500.00 (M) Y= 100.00 (M) Z=  0.00 (M) AT 85 2 25 15
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PAR CON=0.420260E+01 X= 300.00 (M) Y= 500.00 (M) Z=  0.00 (M) AZ 85  2 25 16
PAR CON=0.762320E+01 X= 100.00 (M) Y= 500.00 (M) Z=  0.00 (M) AZ 85  2 25 17
PAR CON=0.822780E+01 X=   0.00 (M) Y= 500.00 (M) Z=  0.00 (M) AZ 85  2 25 18
PAR CON=0.918209E+01 X=-100.00 (M) Y= 500.00 (M) Z=  0.00 (M) AZ 85  2 25 19
PAR CON=0.106066E+02 X=-100.00 (M) Y= 500.00 (M) Z=  0.00 (M) AZ 85  2 25 20
PAR CON=0.115441E+02 X=-100.00 (M) Y= 500.00 (M) Z=  0.00 (M) AZ 85  2 25 21
PAR CON=0.175925E+02 X=-100.00 (M) Y= 500.00 (M) Z=  0.00 (M) AZ 85  2 25 22
PAR CON=0.199067E+02 X=-100.00 (M) Y= 500.00 (M) Z=  0.00 (M) AZ 85  2 25 23
PAR CON=0.145230E+02 X=   0.00 (M) Y= 500.00 (M) Z=  0.00 (M) AZ 85  2 25 24
PAR CON=0.179952E+02 X=   0.00 (M) Y= 500.00 (M) Z=  0.00 (M) AZ 85  2 26  1
PAR CON=0.198689E+02 X= 100.00 (M) Y= 500.00 (M) Z=  0.00 (M) AZ 85  2 26  2
PAR CON=0.203506E+02 X=   0.00 (M) Y= 500.00 (M) Z=  0.00 (M) AZ 85  2 26  3
PAR CON=0.205922E+02 X=-200.00 (M) Y= 500.00 (M) Z=  0.00 (M) AZ 85  2 26  4
PAR CON=0.217357E+02 X=-200.00 (M) Y= 500.00 (M) Z=  0.00 (M) AZ 85  2 26  5
PAR CON=0.237145E+02 X=-100.00 (M) Y= 500.00 (M) Z=  0.00 (M) AZ 85  2 26  6
PAR CON=0.223207E+02 X=   0.00 (M) Y= 500.00 (M) Z=  0.00 (M) AZ 85  2 26  7
PAR CON=0.234567E+02 X= 100.00 (M) Y= 500.00 (M) Z=  0.00 (M) AZ 85  2 26  8
PAR CON=0.246368E+02 X= 200.00 (M) Y= 500.00 (M) Z=  0.00 (M) AZ 85  2 26  9
PAR CON=0.246384E+02 X= 300.00 (M) Y= 500.00 (M) Z=  0.00 (M) AZ 85  2 26 10
PAR CON=0.249913E+02 X= 400.00 (M) Y= 500.00 (M) Z=  0.00 (M) AZ 85  2 26 11
PAR CON=0.229550E+02 X= 500.00 (M) Y= 400.00 (M) Z=  0.00 (M) AZ 85  2 26 12
PAR CON=-.100000E+01 X=-500.00 (M) Y=-500.00 (M) Z=  0.00 (M) AZ 85  2 26 13
PAR CON=-.100000E+01 X=-500.00 (M) Y=-500.00 (M) Z=  0.00 (M) AZ 85  2 26 14
PAR CON=-.100000E+01 X=-500.00 (M) Y=-500.00 (M) Z=  0.00 (M) AZ 85  2 26 15
PAR CON=-.100000E+01 X=-500.00 (M) Y=-500.00 (M) Z=  0.00 (M) AZ 85  2 26 16
PAR CON=0.631653E+01 X= 200.00 (M) Y= 500.00 (M) Z=  0.00 (M) AZ 85  2 26 17
PAR CON=0.593509E+01 X= 300.00 (M) Y= 500.00 (M) Z=  0.00 (M) AZ 85  2 26 18
PAR CON=0.660561E+01 X= 200.00 (M) Y= 500.00 (M) Z=  0.00 (M) AZ 85  2 26 19
PAR CON=0.627166E+01 X= 200.00 (M) Y= 500.00 (M) Z=  0.00 (M) AZ 85  2 26 20
PAR CON=0.669884E+01 X= 200.00 (M) Y= 500.00 (M) Z=  0.00 (M) AZ 85  2 26 21
PAR CON=0.950279E+01 X= 100.00 (M) Y= 500.00 (M) Z=  0.00 (M) AZ 85  2 26 22
PAR CON=0.106436E+02 X= 100.00 (M) Y= 500.00 (M) Z=  0.00 (M) AZ 85  2 26 23
PAR CON=0.107722E+02 X= 200.00 (M) Y= 500.00 (M) Z=  0.00 (M) AZ 85  2 26 24
PAR CON=0.102945E+02 X= 200.00 (M) Y= 500.00 (M) Z=  0.00 (M) AZ 85  2 27  1
PAR CON=0.109255E+02 X= 300.00 (M) Y= 500.00 (M) Z=  0.00 (M) AZ 85  2 27  2
PAR CON=0.107985E+02 X= 300.00 (M) Y= 500.00 (M) Z=  0.00 (M) AZ 85  2 27  3
PAR CON=0.161478E+02 X= 500.00 (M) Y= 400.00 (M) Z=  0.00 (M) AZ 85  2 27  4
PAR CON=0.234567E+02 X= 500.00 (M) Y=-100.00 (M) Z=  0.00 (M) AZ 85  2 27  5
PAR CON=0.156809E+02 X= 500.00 (M) Y=-200.00 (M) Z=  0.00 (M) AZ 85  2 27  6
PAR CON=0.202074E+02 X= 500.00 (M) Y=-100.00 (M) Z=  0.00 (M) AZ 85  2 27  7
PAR CON=0.156354E+02 X= 500.00 (M) Y=-200.00 (M) Z=  0.00 (M) AZ 85  2 27  8
PAR CON=0.815067E+01 X= 500.00 (M) Y=-500.00 (M) Z=  0.00 (M) AZ 85  2 27  9
PAR CON=0.752733E+01 X= 500.00 (M) Y=-300.00 (M) Z=  0.00 (M) AZ 85  2 27 10
PAR CON=0.835210E+01 X= 500.00 (M) Y=-300.00 (M) Z=  0.00 (M) AZ 85  2 27 11
PAR CON=0.680969E+01 X= 500.00 (M) Y=-300.00 (M) Z=  0.00 (M) AZ 85  2 27 12
PAR CON=0.724187E+01 X= 500.00 (M) Y=-300.00 (M) Z=  0.00 (M) AZ 85  2 27 13
PAR CON=0.684145E+01 X= 500.00 (M) Y=-300.00 (M) Z=  0.00 (M) AZ 85  2 27 14
PAR CON=0.756639E+01 X= 500.00 (M) Y=-500.00 (M) Z=  0.00 (M) AZ 85  2 27 15
PAR CON=0.737757E+01 X= 400.00 (M) Y=-500.00 (M) Z=  0.00 (M) AZ 85  2 27 16
PAR CON=0.712345E+01 X= 400.00 (M) Y=-500.00 (M) Z=  0.00 (M) AZ 85  2 27 17
PAR CON=0.938871E+01 X= 400.00 (M) Y=-500.00 (M) Z=  0.00 (M) AZ 85  2 27 18
PAR CON=0.885877E+01 X= 500.00 (M) Y=-500.00 (M) Z=  0.00 (M) AZ 85  2 27 19
PAR CON=0.145573E+02 X= 300.00 (M) Y=-500.00 (M) Z=  0.00 (M) AZ 85  2 27 20
PAR CON=0.187787E+02 X= 300.00 (M) Y=-500.00 (M) Z=  0.00 (M) AZ 85  2 27 21
PAR CON=0.289991E+02 X= 400.00 (M) Y=-500.00 (M) Z=  0.00 (M) AZ 85  2 27 22
PAR CON=0.608332E+02 X= 400.00 (M) Y=-500.00 (M) Z=  0.00 (M) AZ 85  2 27 23
PAR CON=0.640360E+02 X= 500.00 (M) Y=-200.00 (M) Z=  0.00 (M) AZ 85  2 27 24
PAR CON=0.218387E+03 X= 500.00 (M) Y=-100.00 (M) Z=  0.00 (M) AZ 85  2 28  1
PAR CON=0.213627E+03 X= 500.00 (M) Y= 100.00 (M) Z=  0.00 (M) AZ 85  2 28  2
PAR CON=0.219262E+03 X= 500.00 (M) Y= 100.00 (M) Z=  0.00 (M) AZ 85  2 28  3
PAR CON=0.212278E+03 X= 500.00 (M) Y= 100.00 (M) Z=  0.00 (M) AZ 85  2 28  4
PAR CON=0.613885E+02 X= 500.00 (M) Y= 400.00 (M) Z=  0.00 (M) AZ 85  2 28  5
PAR CON=0.833196E+02 X= 400.00 (M) Y= 500.00 (M) Z=  0.00 (M) AZ 85  2 28  6
PAR CON=0.472533E+02 X= 500.00 (M) Y= 400.00 (M) Z=  0.00 (M) AZ 85  2 28  7
PAR CON=0.361746E+02 X= 500.00 (M) Y= 300.00 (M) Z=  0.00 (M) AZ 85  2 28  8
PAR CON=0.369773E+02 X= 500.00 (M) Y= 500.00 (M) Z=  0.00 (M) AZ 85  2 28  9
PAR CON=0.244596E+02 X= 400.00 (M) Y= 500.00 (M) Z=  0.00 (M) AZ 85  2 28 10
PAR CON=0.189294E+02 X= 400.00 (M) Y= 500.00 (M) Z=  0.00 (M) AZ 85  2 28 11
PAR CON=0.167718E+02 X= 300.00 (M) Y= 500.00 (M) Z=  0.00 (M) AZ 85  2 28 12
PAR CON=0.934194E+01 X= 300.00 (M) Y= 500.00 (M) Z=  0.00 (M) AZ 85  2 28 13
PAR CON=0.919880E+01 X= 300.00 (M) Y= 500.00 (M) Z=  0.00 (M) AZ 85  2 28 14
PAR CON=0.829927E+01 X= 300.00 (M) Y= 500.00 (M) Z=  0.00 (M) AZ 85  2 28 15
PAR CON=0.806719E+01 X= 300.00 (M) Y= 500.00 (M) Z=  0.00 (M) AZ 85  2 28 16
PAR CON=0.820740E+01 X= 300.00 (M) Y= 500.00 (M) Z=  0.00 (M) AZ 85  2 28 17
PAR CON=0.835210E+01 X= 200.00 (M) Y= 500.00 (M) Z=  0.00 (M) AZ 85  2 28 18
PAR CON=0.761091E+01 X= 200.00 (M) Y= 500.00 (M) Z=  0.00 (M) AZ 85  2 28 19
PAR CON=0.681366E+01 X= 200.00 (M) Y= 500.00 (M) Z=  0.00 (M) AZ 85  2 28 20
PAR CON=0.791777E+01 X= 200.00 (M) Y= 500.00 (M) Z=  0.00 (M) AZ 85  2 28 21
PAR CON=0.770101E+01 X= 300.00 (M) Y= 500.00 (M) Z=  0.00 (M) AZ 85  2 28 22
PAR CON=0.908272E+01 X= 200.00 (M) Y= 500.00 (M) Z=  0.00 (M) AZ 85  2 28 23
PAR CON=0.778116E+01 X= 300.00 (M) Y= 500.00 (M) Z=  0.00 (M) AZ 85  2 28 24
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B-3 (cont'd)

					GMT			
					yr	mo	dy	hr
PRE CONC=0.6899578+02 lb	-300.00 (M) lb	-900.00 (M) lb	0.00 (M) AT	85	7	1	1
PRE CONC=0.2042858+03 lb	-200.00 (M) lb	-600.00 (M) lb	0.00 (M) AT	85	7	1	2
PRE CONC=0.3643438+03 lb	-300.00 (M) lb	-500.00 (M) lb	0.00 (M) AT	85	7	1	3
PRE CONC=0.3425188+03 lb	-500.00 (M) lb	-500.00 (M) lb	0.00 (M) AT	85	7	1	4
PRE CONC=0.2791148+03 lb	-500.00 (M) lb	-100.00 (M) lb	0.00 (M) AT	85	7	1	5
PRE CONC=0.2090588+03 lb	-500.00 (M) lb	-100.00 (M) lb	0.00 (M) AT	85	7	1	6
PRE CONC=0.1772028+03 lb	-500.00 (M) lb	-200.00 (M) lb	0.00 (M) AT	85	7	1	7
PRE CONC=0.2874318+03 lb	-500.00 (M) lb	-300.00 (M) lb	0.00 (M) AT	85	7	1	8
PRE CONC=0.2605408+03 lb	-500.00 (M) lb	-300.00 (M) lb	0.00 (M) AT	85	7	1	9
PRE CONC=0.2436208+03 lb	-500.00 (M) lb	-500.00 (M) lb	0.00 (M) AT	85	7	1	10
PRE CONC=-.1000008+01 lb	-500.00 (M) lb	-500.00 (M) lb	0.00 (M) AT	85	7	1	11
PRE CONC=0.8374368+01 lb	-500.00 (M) lb	-400.00 (M) lb	0.00 (M) AT	85	7	1	12
PRE CONC=0.5696428+01 lb	-500.00 (M) lb	-300.00 (M) lb	0.00 (M) AT	85	7	1	13
PRE CONC=0.3513508+01 lb	-500.00 (M) lb	-400.00 (M) lb	0.00 (M) AT	85	7	1	14
PRE CONC=0.6462518+01 lb	-100.00 (M) lb	-500.00 (M) lb	0.00 (M) AT	85	7	1	15
PRE CONC=0.5404128+01 lb	0.00 (M) lb	-500.00 (M) lb	0.00 (M) AT	85	7	1	16
PRE CONC=0.5607628+01 lb	-100.00 (M) lb	-500.00 (M) lb	0.00 (M) AT	85	7	1	17
PRE CONC=0.5906498+01 lb	0.00 (M) lb	-500.00 (M) lb	0.00 (M) AT	85	7	1	18
PRE CONC=0.2899728+01 lb	-500.00 (M) lb	-200.00 (M) lb	0.00 (M) AT	85	7	1	19
PRE CONC=0.2782358+01 lb	-500.00 (M) lb	-100.00 (M) lb	0.00 (M) AT	85	7	1	20
PRE CONC=0.6595728+01 lb	-500.00 (M) lb	100.00 (M) lb	0.00 (M) AT	85	7	1	21
PRE CONC=0.7369498+01 lb	-500.00 (M) lb	200.00 (M) lb	0.00 (M) AT	85	7	1	22
PRE CONC=0.7052538+01 lb	-300.00 (M) lb	500.00 (M) lb	0.00 (M) AT	85	7	1	23
PRE CONC=0.1353588+02 lb	-100.00 (M) lb	500.00 (M) lb	0.00 (M) AT	85	7	1	24
PRE CONC=0.2974558+02 lb	200.00 (M) lb	500.00 (M) lb	0.00 (M) AT	85	7	2	1
PRE CONC=0.2533208+02 lb	200.00 (M) lb	500.00 (M) lb	0.00 (M) AT	85	7	2	2
PRE CONC=0.2519038+02 lb	300.00 (M) lb	500.00 (M) lb	0.00 (M) AT	85	7	2	3
PRE CONC=0.2839638+02 lb	100.00 (M) lb	500.00 (M) lb	0.00 (M) AT	85	7	2	4
PRE CONC=0.2554118+02 lb	0.00 (M) lb	500.00 (M) lb	0.00 (M) AT	85	7	2	5
PRE CONC=0.2524168+03 lb	100.00 (M) lb	500.00 (M) lb	0.00 (M) AT	85	7	2	6
PRE CONC=0.6414338+02 lb	300.00 (M) lb	500.00 (M) lb	0.00 (M) AT	85	7	2	7
PRE CONC=0.6560528+02 lb	500.00 (M) lb	300.00 (M) lb	0.00 (M) AT	85	7	2	8
PRE CONC=0.6927908+02 lb	500.00 (M) lb	-100.00 (M) lb	0.00 (M) AT	85	7	2	9
PRE CONC=0.6978388+02 lb	500.00 (M) lb	-200.00 (M) lb	0.00 (M) AT	85	7	2	10
PRE CONC=-.1000008+01 lb	-500.00 (M) lb	-500.00 (M) lb	0.00 (M) AT	85	7	2	11
PRE CONC=0.1950788+02 lb	200.00 (M) lb	500.00 (M) lb	0.00 (M) AT	85	7	2	12
PRE CONC=0.1057158+02 lb	-100.00 (M) lb	500.00 (M) lb	0.00 (M) AT	85	7	2	13
PRE CONC=0.6693728+01 lb	-100.00 (M) lb	500.00 (M) lb	0.00 (M) AT	85	7	2	14
PRE CONC=0.7065398+01 lb	0.00 (M) lb	500.00 (M) lb	0.00 (M) AT	85	7	2	15
PRE CONC=0.7220278+01 lb	0.00 (M) lb	500.00 (M) lb	0.00 (M) AT	85	7	2	16
PRE CONC=0.6071718+01 lb	200.00 (M) lb	500.00 (M) lb	0.00 (M) AT	85	7	2	17
PRE CONC=0.2816138+01 lb	300.00 (M) lb	500.00 (M) lb	0.00 (M) AT	85	7	2	18
PRE CONC=0.5922028+01 lb	500.00 (M) lb	-200.00 (M) lb	0.00 (M) AT	85	7	2	19
PRE CONC=0.3137018+01 lb	500.00 (M) lb	100.00 (M) lb	0.00 (M) AT	85	7	2	20
PRE CONC=0.6202198+01 lb	200.00 (M) lb	500.00 (M) lb	0.00 (M) AT	85	7	2	21
PRE CONC=0.1540198+02 lb	300.00 (M) lb	500.00 (M) lb	0.00 (M) AT	85	7	2	22
PRE CONC=0.1468908+02 lb	200.00 (M) lb	500.00 (M) lb	0.00 (M) AT	85	7	2	23
PRE CONC=0.2572028+02 lb	500.00 (M) lb	100.00 (M) lb	0.00 (M) AT	85	7	2	24
PRE CONC=0.6042538+02 lb	500.00 (M) lb	0.00 (M) lb	0.00 (M) AT	85	7	3	1
PRE CONC=0.6999518+02 lb	500.00 (M) lb	0.00 (M) lb	0.00 (M) AT	85	7	3	2
PRE CONC=0.3194078+02 lb	0.00 (M) lb	500.00 (M) lb	0.00 (M) AT	85	7	3	3
PRE CONC=0.4795428+02 lb	200.00 (M) lb	500.00 (M) lb	0.00 (M) AT	85	7	3	4
PRE CONC=0.6537928+02 lb	500.00 (M) lb	300.00 (M) lb	0.00 (M) AT	85	7	3	5
PRE CONC=0.1667218+03 lb	500.00 (M) lb	200.00 (M) lb	0.00 (M) AT	85	7	3	6
PRE CONC=0.1488998+03 lb	500.00 (M) lb	100.00 (M) lb	0.00 (M) AT	85	7	3	7
PRE CONC=0.9833528+02 lb	500.00 (M) lb	-200.00 (M) lb	0.00 (M) AT	85	7	3	8
PRE CONC=0.2491708+03 lb	500.00 (M) lb	-400.00 (M) lb	0.00 (M) AT	85	7	3	9
PRE CONC=0.2980898+03 lb	100.00 (M) lb	-500.00 (M) lb	0.00 (M) AT	85	7	3	10
PRE CONC=-.1000008+01 lb	-500.00 (M) lb	-500.00 (M) lb	0.00 (M) AT	85	7	3	11
PRE CONC=0.1032098+02 lb	-100.00 (M) lb	-500.00 (M) lb	0.00 (M) AT	85	7	3	12
PRE CONC=0.1006628+02 lb	-100.00 (M) lb	-500.00 (M) lb	0.00 (M) AT	85	7	3	13
PRE CONC=0.2160868+01 lb	0.00 (M) lb	-500.00 (M) lb	0.00 (M) AT	85	7	3	14
PRE CONC=0.1753198+01 lb	500.00 (M) lb	-300.00 (M) lb	0.00 (M) AT	85	7	3	15
PRE CONC=0.1918948+01 lb	200.00 (M) lb	-500.00 (M) lb	0.00 (M) AT	85	7	3	16
PRE CONC=0.2151238+01 lb	200.00 (M) lb	-500.00 (M) lb	0.00 (M) AT	85	7	3	17
PRE CONC=0.1912468+01 lb	100.00 (M) lb	-500.00 (M) lb	0.00 (M) AT	85	7	3	18
PRE CONC=0.2132508+01 lb	500.00 (M) lb	-100.00 (M) lb	0.00 (M) AT	85	7	3	19
PRE CONC=0.2314988+01 lb	500.00 (M) lb	0.00 (M) lb	0.00 (M) AT	85	7	3	20
PRE CONC=0.3203008+01 lb	500.00 (M) lb	-100.00 (M) lb	0.00 (M) AT	85	7	3	21
PRE CONC=0.3300018+01 lb	500.00 (M) lb	100.00 (M) lb	0.00 (M) AT	85	7	3	22
PRE CONC=0.4264338+01 lb	500.00 (M) lb	200.00 (M) lb	0.00 (M) AT	85	7	3	23
PRE CONC=0.4337838+01 lb	300.00 (M) lb	500.00 (M) lb	0.00 (M) AT	85	7	3	24
PRE CONC=0.5366378+02 lb	200.00 (M) lb	500.00 (M) lb	0.00 (M) AT	85	7	4	1
PRE CONC=0.3103038+02 lb	300.00 (M) lb	500.00 (M) lb	0.00 (M) AT	85	7	4	2
PRE CONC=0.3370058+02 lb	200.00 (M) lb	500.00 (M) lb	0.00 (M) AT	85	7	4	3
PRE CONC=0.4525118+02 lb	200.00 (M) lb	500.00 (M) lb	0.00 (M) AT	85	7	4	4
PRE CONC=0.6482898+02 lb	300.00 (M) lb	500.00 (M) lb	0.00 (M) AT	85	7	4	5
PRE CONC=0.6254578+02 lb	300.00 (M) lb	500.00 (M) lb	0.00 (M) AT	85	7	4	6
PRE CONC=0.2566358+02 lb	300.00 (M) lb	500.00 (M) lb	0.00 (M) AT	85	7	4	7
PRE CONC=0.6787038+02 lb	600.00 (M) lb	300.00 (M) lb	0.00 (M) AT	85	7	4	8

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MAX CONC=0.608332E+02 X=   400.00 (M) Y=   500.00 (M) Z=     0.00 (M) AT 85 7 4 9
MAX CONC=0.806234E+02 X=   400.00 (M) Y=   500.00 (M) Z=     0.00 (M) AT 85 7 4 10
MAX CONC=-.100000E+01 X=  -500.00 (M) Y=  -500.00 (M) Z=     0.00 (M) AT 85 7 4 11
MAX CONC=0.199187E+02 X=   200.00 (M) Y=   500.00 (M) Z=     0.00 (M) AT 85 7 4 12
MAX CONC=0.244798E+02 X=   200.00 (M) Y=   500.00 (M) Z=     0.00 (M) AT 85 7 4 13
MAX CONC=0.688726E+01 X=   300.00 (M) Y=   500.00 (M) Z=     0.00 (M) AT 85 7 4 14
MAX CONC=0.803876E+01 X=     0.00 (M) Y=   500.00 (M) Z=     0.00 (M) AT 85 7 4 15
MAX CONC=0.830143E+01 X=     0.00 (M) Y=   500.00 (M) Z=     0.00 (M) AT 85 7 4 16
MAX CONC=0.861467E+01 X=   100.00 (M) Y=   500.00 (M) Z=     0.00 (M) AT 85 7 4 17
MAX CONC=0.588796E+01 X=   100.00 (M) Y=   500.00 (M) Z=     0.00 (M) AT 85 7 4 18
MAX CONC=0.613476E+01 X=   100.00 (M) Y=   500.00 (M) Z=     0.00 (M) AT 85 7 4 19
MAX CONC=0.647137E+01 X=   200.00 (M) Y=   500.00 (M) Z=     0.00 (M) AT 85 7 4 20
MAX CONC=0.961317E+01 X=   100.00 (M) Y=   500.00 (M) Z=     0.00 (M) AT 85 7 4 21
MAX CONC=0.103283E+02 X=   100.00 (M) Y=   500.00 (M) Z=     0.00 (M) AT 85 7 4 22
MAX CONC=0.113983E+02 X=     0.00 (M) Y=   500.00 (M) Z=     0.00 (M) AT 85 7 4 23
MAX CONC=0.102200E+02 X=     0.00 (M) Y=   500.00 (M) Z=     0.00 (M) AT 85 7 4 24
MAX CONC=0.153606E+02 X=     0.00 (M) Y=   500.00 (M) Z=     0.00 (M) AT 85 7 5 1
MAX CONC=0.215582E+02 X=     0.00 (M) Y=   500.00 (M) Z=     0.00 (M) AT 85 7 5 2
MAX CONC=0.197867E+02 X=     0.00 (M) Y=   500.00 (M) Z=     0.00 (M) AT 85 7 5 3
MAX CONC=0.225378E+02 X=   100.00 (M) Y=   500.00 (M) Z=     0.00 (M) AT 85 7 5 4
MAX CONC=0.181522E+02 X=   100.00 (M) Y=   500.00 (M) Z=     0.00 (M) AT 85 7 5 5
MAX CONC=0.113400E+02 X=   200.00 (M) Y=   500.00 (M) Z=     0.00 (M) AT 85 7 5 6
MAX CONC=0.120285E+02 X=   100.00 (M) Y=   500.00 (M) Z=     0.00 (M) AT 85 7 5 7
MAX CONC=0.120285E+02 X=   100.00 (M) Y=   500.00 (M) Z=     0.00 (M) AT 85 7 5 8
MAX CONC=0.123724E+02 X=   100.00 (M) Y=   500.00 (M) Z=     0.00 (M) AT 85 7 5 9
MAX CONC=0.149965E+02 X=   500.00 (M) Y=     0.00 (M) Z=     0.00 (M) AT 85 7 5 10
MAX CONC=-.100000E+01 X=  -500.00 (M) Y=  -500.00 (M) Z=     0.00 (M) AT 85 7 5 11
MAX CONC=0.135736E+02 X=   500.00 (M) Y=   300.00 (M) Z=     0.00 (M) AT 85 7 5 12
MAX CONC=0.837701E+01 X=  -200.00 (M) Y=   500.00 (M) Z=     0.00 (M) AT 85 7 5 13
MAX CONC=0.129695E+02 X=  -300.00 (M) Y=   500.00 (M) Z=     0.00 (M) AT 85 7 5 14
MAX CONC=0.112002E+02 X=  -200.00 (M) Y=   500.00 (M) Z=     0.00 (M) AT 85 7 5 15
MAX CONC=0.106597E+02 X=     0.00 (M) Y=   500.00 (M) Z=     0.00 (M) AT 85 7 5 16
MAX CONC=0.105312E+02 X=   100.00 (M) Y=   500.00 (M) Z=     0.00 (M) AT 85 7 5 17
MAX CONC=0.879636E+01 X=   100.00 (M) Y=   500.00 (M) Z=     0.00 (M) AT 85 7 5 18
MAX CONC=0.740006E+01 X=   100.00 (M) Y=   500.00 (M) Z=     0.00 (M) AT 85 7 5 19
MAX CONC=0.827838E+01 X=   100.00 (M) Y=   500.00 (M) Z=     0.00 (M) AT 85 7 5 20
MAX CONC=0.966831E+01 X=   100.00 (M) Y=   500.00 (M) Z=     0.00 (M) AT 85 7 5 21
MAX CONC=0.112002E+02 X=   200.00 (M) Y=   500.00 (M) Z=     0.00 (M) AT 85 7 5 22
MAX CONC=0.158799E+02 X=     0.00 (M) Y=   500.00 (M) Z=     0.00 (M) AT 85 7 5 23
MAX CONC=0.183956E+02 X=     0.00 (M) Y=   500.00 (M) Z=     0.00 (M) AT 85 7 5 24
MAX CONC=0.189067E+02 X=  -100.00 (M) Y=   500.00 (M) Z=     0.00 (M) AT 85 7 6 1
MAX CONC=0.406148E+02 X=  -100.00 (M) Y=   500.00 (M) Z=     0.00 (M) AT 85 7 6 2
MAX CONC=0.169924E+02 X=  -100.00 (M) Y=   500.00 (M) Z=     0.00 (M) AT 85 7 6 3
MAX CONC=0.255875E+02 X=  -100.00 (M) Y=   500.00 (M) Z=     0.00 (M) AT 85 7 6 4
MAX CONC=0.176552E+02 X=   200.00 (M) Y=   500.00 (M) Z=     0.00 (M) AT 85 7 6 5
MAX CONC=0.190275E+02 X=   200.00 (M) Y=   500.00 (M) Z=     0.00 (M) AT 85 7 6 6
MAX CONC=0.250957E+02 X=   300.00 (M) Y=   500.00 (M) Z=     0.00 (M) AT 85 7 6 7
MAX CONC=0.784663E+02 X=   900.00 (M) Y=   500.00 (M) Z=     0.00 (M) AT 85 7 6 8
MAX CONC=0.254696E+02 X=   500.00 (M) Y=   500.00 (M) Z=     0.00 (M) AT 85 7 6 9
MAX CONC=0.322615E+02 X=   500.00 (M) Y=   400.00 (M) Z=     0.00 (M) AT 85 7 6 10
MAX CONC=-.100000E+01 X=  -500.00 (M) Y=  -500.00 (M) Z=     0.00 (M) AT 85 7 6 11
MAX CONC=0.794964E+01 X=   500.00 (M) Y=   300.00 (M) Z=     0.00 (M) AT 85 7 6 12
MAX CONC=0.832310E+01 X=   500.00 (M) Y=   100.00 (M) Z=     0.00 (M) AT 85 7 6 13
MAX CONC=0.857933E+01 X=   500.00 (M) Y=   100.00 (M) Z=     0.00 (M) AT 85 7 6 14
MAX CONC=0.626548E+01 X=   500.00 (M) Y=  -100.00 (M) Z=     0.00 (M) AT 85 7 6 15
MAX CONC=0.789228E+01 X=   500.00 (M) Y=     0.00 (M) Z=     0.00 (M) AT 85 7 6 16
MAX CONC=0.544326E+01 X=   500.00 (M) Y=     0.00 (M) Z=     0.00 (M) AT 85 7 6 17
MAX CONC=0.580013E+01 X=   500.00 (M) Y=     0.00 (M) Z=     0.00 (M) AT 85 7 6 18
MAX CONC=0.552597E+01 X=   500.00 (M) Y=     0.00 (M) Z=     0.00 (M) AT 85 7 6 19
MAX CONC=0.870428E+01 X=   500.00 (M) Y=     0.00 (M) Z=     0.00 (M) AT 85 7 6 20
MAX CONC=0.694187E+01 X=   500.00 (M) Y=     0.00 (M) Z=     0.00 (M) AT 85 7 6 21
MAX CONC=0.775009E+01 X=   500.00 (M) Y=  -100.00 (M) Z=     0.00 (M) AT 85 7 6 22
MAX CONC=0.109075E+02 X=   500.00 (M) Y=  -100.00 (M) Z=     0.00 (M) AT 85 7 6 23
MAX CONC=0.110866E+02 X=   500.00 (M) Y=  -100.00 (M) Z=     0.00 (M) AT 85 7 6 24
MAX CONC=0.230330E+02 X=   500.00 (M) Y=  -400.00 (M) Z=     0.00 (M) AT 85 7 7 1
MAX CONC=0.317982E+02 X=   300.00 (M) Y=  -500.00 (M) Z=     0.00 (M) AT 85 7 7 2
MAX CONC=0.428831E+02 X=   300.00 (M) Y=  -500.00 (M) Z=     0.00 (M) AT 85 7 7 3
MAX CONC=0.613210E+02 X=   400.00 (M) Y=  -500.00 (M) Z=     0.00 (M) AT 85 7 7 4
MAX CONC=0.476704E+02 X=   400.00 (M) Y=  -500.00 (M) Z=     0.00 (M) AT 85 7 7 5
MAX CONC=0.450893E+02 X=   500.00 (M) Y=  -500.00 (M) Z=     0.00 (M) AT 85 7 7 6
MAX CONC=0.260178E+02 X=   500.00 (M) Y=  -400.00 (M) Z=     0.00 (M) AT 85 7 7 7
MAX CONC=0.277443E+02 X=   500.00 (M) Y=  -300.00 (M) Z=     0.00 (M) AT 85 7 7 8
MAX CONC=0.261583E+02 X=   500.00 (M) Y=  -300.00 (M) Z=     0.00 (M) AT 85 7 7 9
MAX CONC=0.145522E+02 X=   500.00 (M) Y=  -500.00 (M) Z=     0.00 (M) AT 85 7 7 10
MAX CONC=-.100000E+01 X=  -500.00 (M) Y=  -500.00 (M) Z=     0.00 (M) AT 85 7 7 11
MAX CONC=0.156751E+02 X=   500.00 (M) Y=  -500.00 (M) Z=     0.00 (M) AT 85 7 7 12
MAX CONC=0.127348E+02 X=   500.00 (M) Y=  -500.00 (M) Z=     0.00 (M) AT 85 7 7 13
MAX CONC=0.123471E+02 X=   500.00 (M) Y=  -400.00 (M) Z=     0.00 (M) AT 85 7 7 14
MAX CONC=0.717091E+01 X=   500.00 (M) Y=  -300.00 (M) Z=     0.00 (M) AT 85 7 7 15
MAX CONC=0.339575E+01 X=   500.00 (M) Y=  -300.00 (M) Z=     0.00 (M) AT 85 7 7 16
MAX CONC=0.240867E+01 X=   500.00 (M) Y=  -200.00 (M) Z=     0.00 (M) AT 85 7 7 17
MAX CONC=0.260632E+01 X=   500.00 (M) Y=  -200.00 (M) Z=     0.00 (M) AT 85 7 7 18
MAX CONC=0.218341E+01 X=   500.00 (M) Y=  -200.00 (M) Z=     0.00 (M) AT 85 7 7 19
MAX CONC=0.227464E+01 X=   500.00 (M) Y=  -100.00 (M) Z=     0.00 (M) AT 85 7 7 20
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MAX CONC=0.347167E+01 X=   500.00 (M) Y=  -100.00 (M) Z=    0.00 (M) AT 85  7  7 21
MAX CONC=0.442513E+01 X=   500.00 (M) Y=  -100.00 (M) Z=    0.00 (M) AT 85  7  7 22
MAX CONC=0.590608E+01 X=   400.00 (M) Y=   500.00 (M) Z=    0.00 (M) AT 85  7  7 23
MAX CONC=0.117571E+02 X=   200.00 (M) Y=   500.00 (M) Z=    0.00 (M) AT 85  7  7 24
MAX CONC=0.217357E+02 X=   200.00 (M) Y=   500.00 (M) Z=    0.00 (M) AT 85  7  8  1
MAX CONC=0.183956E+02 X=     0.00 (M) Y=   500.00 (M) Z=    0.00 (M) AT 85  7  8  2
MAX CONC=0.210649E+02 X=  -100.00 (M) Y=   500.00 (M) Z=    0.00 (M) AT 85  7  8  3
MAX CONC=0.158799E+02 X=     0.00 (M) Y=   500.00 (M) Z=    0.00 (M) AT 85  7  8  4
MAX CONC=0.269245E+02 X=  -200.00 (M) Y=   500.00 (M) Z=    0.00 (M) AT 85  7  8  5
MAX CONC=0.138171E+02 X=     0.00 (M) Y=   500.00 (M) Z=    0.00 (M) AT 85  7  8  6
MAX CONC=0.133040E+02 X=   100.00 (M) Y=   500.00 (M) Z=    0.00 (M) AT 85  7  8  7
MAX CONC=0.137001E+02 X=   500.00 (M) Y=   500.00 (M) Z=    0.00 (M) AT 85  7  8  8
MAX CONC=0.295194E+02 X=   400.00 (M) Y=   500.00 (M) Z=    0.00 (M) AT 85  7  8  9
MAX CONC=0.838135E+02 X=   500.00 (M) Y=   400.00 (M) Z=    0.00 (M) AT 85  7  8 10
MAX CONC=-.100000E+01 X=  -500.00 (M) Y=  -500.00 (M) Z=    0.00 (M) AT 85  7  8 11
MAX CONC=0.238519E+02 X=   500.00 (M) Y=  -100.00 (M) Z=    0.00 (M) AT 85  7  8 12
MAX CONC=0.462118E+01 X=   500.00 (M) Y=     0.00 (M) Z=    0.00 (M) AT 85  7  8 13
MAX CONC=0.611040E+01 X=   500.00 (M) Y=  -100.00 (M) Z=    0.00 (M) AT 85  7  8 14
MAX CONC=0.418421E+01 X=   500.00 (M) Y=  -200.00 (M) Z=    0.00 (M) AT 85  7  8 15
MAX CONC=0.320688E+01 X=   500.00 (M) Y=  -300.00 (M) Z=    0.00 (M) AT 85  7  8 16
MAX CONC=0.262327E+01 X=   500.00 (M) Y=  -200.00 (M) Z=    0.00 (M) AT 85  7  8 17
MAX CONC=0.331079E+01 X=   500.00 (M) Y=  -200.00 (M) Z=    0.00 (M) AT 85  7  8 18
MAX CONC=0.207283E+01 X=   500.00 (M) Y=  -200.00 (M) Z=    0.00 (M) AT 85  7  8 19
MAX CONC=0.249686E+01 X=  -100.00 (M) Y=  -500.00 (M) Z=    0.00 (M) AT 85  7  8 20
MAX CONC=0.234458E+01 X=  -100.00 (M) Y=  -500.00 (M) Z=    0.00 (M) AT 85  7  8 21
MAX CONC=0.273490E+01 X=     0.00 (M) Y=  -500.00 (M) Z=    0.00 (M) AT 85  7  8 22
MAX CONC=0.594283E+01 X=  -100.00 (M) Y=  -500.00 (M) Z=    0.00 (M) AT 85  7  8 23
MAX CONC=0.920793E+01 X=  -300.00 (M) Y=  -300.00 (M) Z=    0.00 (M) AT 85  7  8 24
MAX CONC=0.346954E+02 X=  -500.00 (M) Y=  -300.00 (M) Z=    0.00 (M) AT 85  7  9  1
MAX CONC=0.527055E+02 X=  -500.00 (M) Y=  -100.00 (M) Z=    0.00 (M) AT 85  7  9  2
MAX CONC=0.537369E+02 X=   500.00 (M) Y=     0.00 (M) Z=    0.00 (M) AT 85  7  9  3
MAX CONC=0.160427E+03 X=  -300.00 (M) Y=  -500.00 (M) Z=    0.00 (M) AT 85  7  9  4
MAX CONC=0.249178E+03 X=  -500.00 (M) Y=  -400.00 (M) Z=    0.00 (M) AT 85  7  9  5
MAX CONC=0.411667E+02 X=  -500.00 (M) Y=  -400.00 (M) Z=    0.00 (M) AT 85  7  9  6
MAX CONC=0.243620E+03 X=  -500.00 (M) Y=  -500.00 (M) Z=    0.00 (M) AT 85  7  9  7
MAX CONC=0.262922E+03 X=  -100.00 (M) Y=  -500.00 (M) Z=    0.00 (M) AT 85  7  9  8
MAX CONC=0.968042E+02 X=  -100.00 (M) Y=  -500.00 (M) Z=    0.00 (M) AT 85  7  9  9
MAX CONC=0.247485E+03 X=  -100.00 (M) Y=  -500.00 (M) Z=    0.00 (M) AT 85  7  9 10
MAX CONC=-.100000E+01 X=  -500.00 (M) Y=  -500.00 (M) Z=    0.00 (M) AT 85  7  9 11
MAX CONC=0.216728E+02 X=     0.00 (M) Y=  -500.00 (M) Z=    0.00 (M) AT 85  7  9 12
MAX CONC=0.457056E+01 X=   100.00 (M) Y=  -500.00 (M) Z=    0.00 (M) AT 85  7  9 13
MAX CONC=0.462627E+01 X=   100.00 (M) Y=  -500.00 (M) Z=    0.00 (M) AT 85  7  9 14
MAX CONC=0.221464E+01 X=   300.00 (M) Y=  -500.00 (M) Z=    0.00 (M) AT 85  7  9 15
MAX CONC=0.254005E+01 X=   500.00 (M) Y=  -300.00 (M) Z=    0.00 (M) AT 85  7  9 16
MAX CONC=0.320855E+01 X=   500.00 (M) Y=  -400.00 (M) Z=    0.00 (M) AT 85  7  9 17
MAX CONC=0.311477E+01 X=   300.00 (M) Y=  -500.00 (M) Z=    0.00 (M) AT 85  7  9 18
MAX CONC=0.259234E+01 X=   200.00 (M) Y=  -500.00 (M) Z=    0.00 (M) AT 85  7  9 19
MAX CONC=0.324972E+01 X=   500.00 (M) Y=  -400.00 (M) Z=    0.00 (M) AT 85  7  9 20
MAX CONC=0.374254E+01 X=   500.00 (M) Y=  -300.00 (M) Z=    0.00 (M) AT 85  7  9 21
MAX CONC=0.554907E+01 X=   500.00 (M) Y=  -300.00 (M) Z=    0.00 (M) AT 85  7  9 22
MAX CONC=0.628755E+01 X=   500.00 (M) Y=  -100.00 (M) Z=    0.00 (M) AT 85  7  9 23
MAX CONC=0.966629E+01 X=   500.00 (M) Y=   200.00 (M) Z=    0.00 (M) AT 85  7  9 24
MAX CONC=0.274850E+03 X=   500.00 (M) Y=   200.00 (M) Z=    0.00 (M) AT 85  7 10  1
MAX CONC=0.264005E+03 X=   500.00 (M) Y=   300.00 (M) Z=    0.00 (M) AT 85  7 10  2
MAX CONC=0.520378E+02 X=   500.00 (M) Y=     0.00 (M) Z=    0.00 (M) AT 85  7 10  3
MAX CONC=0.519261E+02 X=   500.00 (M) Y=   100.00 (M) Z=    0.00 (M) AT 85  7 10  4
MAX CONC=0.487810E+02 X=   500.00 (M) Y=  -200.00 (M) Z=    0.00 (M) AT 85  7 10  5
MAX CONC=0.497838E+02 X=  -200.00 (M) Y=   500.00 (M) Z=    0.00 (M) AT 85  7 10  6
MAX CONC=0.495758E+02 X=   500.00 (M) Y=   200.00 (M) Z=    0.00 (M) AT 85  7 10  7
MAX CONC=0.533066E+02 X=     0.00 (M) Y=  -500.00 (M) Z=    0.00 (M) AT 85  7 10  8
MAX CONC=0.311241E+02 X=  -300.00 (M) Y=  -500.00 (M) Z=    0.00 (M) AT 85  7 10  9
MAX CONC=0.276695E+02 X=  -300.00 (M) Y=  -500.00 (M) Z=    0.00 (M) AT 85  7 10 10
MAX CONC=-.100000E+01 X=  -500.00 (M) Y=  -500.00 (M) Z=    0.00 (M) AT 85  7 10 11
MAX CONC=0.248232E+02 X=  -300.00 (M) Y=  -500.00 (M) Z=    0.00 (M) AT 85  7 10 12
MAX CONC=0.572761E+01 X=  -100.00 (M) Y=  -500.00 (M) Z=    0.00 (M) AT 85  7 10 13
MAX CONC=0.590345E+01 X=  -100.00 (M) Y=  -500.00 (M) Z=    0.00 (M) AT 85  7 10 14
MAX CONC=0.456515E+01 X=  -100.00 (M) Y=  -500.00 (M) Z=    0.00 (M) AT 85  7 10 15
MAX CONC=0.376061E+01 X=  -100.00 (M) Y=  -500.00 (M) Z=    0.00 (M) AT 85  7 10 16
MAX CONC=0.320177E+01 X=  -100.00 (M) Y=  -500.00 (M) Z=    0.00 (M) AT 85  7 10 17
MAX CONC=0.367259E+01 X=  -200.00 (M) Y=  -500.00 (M) Z=    0.00 (M) AT 85  7 10 18
MAX CONC=0.328452E+01 X=  -200.00 (M) Y=  -500.00 (M) Z=    0.00 (M) AT 85  7 10 19
MAX CONC=0.242521E+01 X=  -100.00 (M) Y=  -500.00 (M) Z=    0.00 (M) AT 85  7 10 20
MAX CONC=0.285205E+01 X=  -200.00 (M) Y=  -500.00 (M) Z=    0.00 (M) AT 85  7 10 21
MAX CONC=0.288069E+01 X=  -500.00 (M) Y=  -300.00 (M) Z=    0.00 (M) AT 85  7 10 22
MAX CONC=0.422182E+01 X=  -500.00 (M) Y=  -200.00 (M) Z=    0.00 (M) AT 85  7 10 23
MAX CONC=0.865797E+01 X=  -500.00 (M) Y=  -100.00 (M) Z=    0.00 (M) AT 85  7 10 24
MAX CONC=0.196243E+03 X=  -500.00 (M) Y=   400.00 (M) Z=    0.00 (M) AT 85  7 11  1
MAX CONC=0.167070E+03 X=  -200.00 (M) Y=   500.00 (M) Z=    0.00 (M) AT 85  7 11  2
MAX CONC=0.688568E+02 X=   100.00 (M) Y=   500.00 (M) Z=    0.00 (M) AT 85  7 11  3
MAX CONC=0.382582E+02 X=   400.00 (M) Y=   500.00 (M) Z=    0.00 (M) AT 85  7 11  4
MAX CONC=0.282046E+03 X=   500.00 (M) Y=   100.00 (M) Z=    0.00 (M) AT 85  7 11  5
MAX CONC=0.274850E+03 X=   500.00 (M) Y=  -200.00 (M) Z=    0.00 (M) AT 85  7 11  6
MAX CONC=0.686451E+02 X=   500.00 (M) Y=  -200.00 (M) Z=    0.00 (M) AT 85  7 11  7
MAX CONC=0.233957E+02 X=   500.00 (M) Y=  -300.00 (M) Z=    0.00 (M) AT 85  7 11  8
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MAX CORR=0.226565E+02 X= 100.00 (M) Y= -500.00 (M) Z=   0.00 (M) AZ 85  7 11  9
MAX CORR=0.709192E+02 X= 100.00 (M) Y= -500.00 (M) Z=   0.00 (M) AZ 85  7 11 10
MAX CORR=-.100000E+01 X= -500.00 (M) Y= -500.00 (M) Z=   0.00 (M) AZ 85  7 11 11
MAX CORR=0.496138E+01 X= 100.00 (M) Y= -500.00 (M) Z=   0.00 (M) AZ 85  7 11 12
MAX CORR=0.378331E+01 X=   0.00 (M) Y= -500.00 (M) Z=   0.00 (M) AZ 85  7 11 13
MAX CORR=0.263793E+01 X=   0.00 (M) Y= -500.00 (M) Z=   0.00 (M) AZ 85  7 11 14
MAX CORR=0.279425E+01 X=   0.00 (M) Y= -500.00 (M) Z=   0.00 (M) AZ 85  7 11 15
MAX CORR=0.210801E+01 X=   0.00 (M) Y= -500.00 (M) Z=   0.00 (M) AZ 85  7 11 16
MAX CORR=0.297780E+01 X=   0.00 (M) Y= -500.00 (M) Z=   0.00 (M) AZ 85  7 11 17
MAX CORR=0.216900E+01 X= -200.00 (M) Y= -500.00 (M) Z=   0.00 (M) AZ 85  7 11 18
MAX CORR=0.227421E+01 X=   0.00 (M) Y=  500.00 (M) Z=   0.00 (M) AZ 85  7 11 19
MAX CORR=0.254361E+01 X= 300.00 (M) Y=  500.00 (M) Z=   0.00 (M) AZ 85  7 11 20
MAX CORR=0.348321E+01 X= 100.00 (M) Y=  500.00 (M) Z=   0.00 (M) AZ 85  7 11 21
MAX CORR=0.481305E+01 X= 100.00 (M) Y=  500.00 (M) Z=   0.00 (M) AZ 85  7 11 22
MAX CORR=0.341826E+01 X= 200.00 (M) Y=  500.00 (M) Z=   0.00 (M) AZ 85  7 11 23
MAX CORR=0.108467E+02 X=   0.00 (M) Y=  500.00 (M) Z=   0.00 (M) AZ 85  7 11 24
MAX CORR=0.336169E+02 X= -100.00 (M) Y=  500.00 (M) Z=   0.00 (M) AZ 85  7 12  1
MAX CORR=0.225693E+02 X= -300.00 (M) Y=  500.00 (M) Z=   0.00 (M) AZ 85  7 12  2
MAX CORR=0.156889E+02 X= -200.00 (M) Y=  500.00 (M) Z=   0.00 (M) AZ 85  7 12  3
MAX CORR=0.176552E+02 X= -200.00 (M) Y=  500.00 (M) Z=   0.00 (M) AZ 85  7 12  4
MAX CORR=0.243127E+02 X= -200.00 (M) Y=  500.00 (M) Z=   0.00 (M) AZ 85  7 12  5
MAX CORR=0.413671E+02 X= -300.00 (M) Y=  500.00 (M) Z=   0.00 (M) AZ 85  7 12  6
MAX CORR=0.230232E+03 X= -400.00 (M) Y=  500.00 (M) Z=   0.00 (M) AZ 85  7 12  7
MAX CORR=0.266660E+03 X= -500.00 (M) Y=  300.00 (M) Z=   0.00 (M) AZ 85  7 12  8
MAX CORR=0.266560E+03 X= -300.00 (M) Y=  500.00 (M) Z=   0.00 (M) AZ 85  7 12  9
MAX CORR=0.158847E+03 X= -300.00 (M) Y= -500.00 (M) Z=   0.00 (M) AZ 85  7 12 10
MAX CORR=-.100000E+01 X= -500.00 (M) Y= -500.00 (M) Z=   0.00 (M) AZ 85  7 12 11
MAX CORR=0.207839E+02 X= -500.00 (M) Y= -400.00 (M) Z=   0.00 (M) AZ 85  7 12 12
MAX CORR=0.734252E+01 X=   0.00 (M) Y= -500.00 (M) Z=   0.00 (M) AZ 85  7 12 13
MAX CORR=0.323234E+01 X=   0.00 (M) Y= -500.00 (M) Z=   0.00 (M) AZ 85  7 12 14
MAX CORR=0.279143E+01 X= -100.00 (M) Y= -500.00 (M) Z=   0.00 (M) AZ 85  7 12 15
MAX CORR=0.249370E+01 X=   0.00 (M) Y= -500.00 (M) Z=   0.00 (M) AZ 85  7 12 16
MAX CORR=0.203057E+01 X= -100.00 (M) Y= -500.00 (M) Z=   0.00 (M) AZ 85  7 12 17
MAX CORR=0.201977E+01 X= -100.00 (M) Y= -500.00 (M) Z=   0.00 (M) AZ 85  7 12 18
MAX CORR=0.192311E+01 X=  100.00 (M) Y= -500.00 (M) Z=   0.00 (M) AZ 85  7 12 19
MAX CORR=0.202886E+01 X= -500.00 (M) Y= -100.00 (M) Z=   0.00 (M) AZ 85  7 12 20
MAX CORR=0.230578E+01 X= -500.00 (M) Y= -100.00 (M) Z=   0.00 (M) AZ 85  7 12 21
MAX CORR=0.250588E+01 X= -500.00 (M) Y= -100.00 (M) Z=   0.00 (M) AZ 85  7 12 22
MAX CORR=0.304060E+01 X= -500.00 (M) Y=    0.00 (M) Z=   0.00 (M) AZ 85  7 12 23
MAX CORR=0.464054E+01 X=  100.00 (M) Y=  500.00 (M) Z=   0.00 (M) AZ 85  7 12 24
MAX CORR=0.271509E+03 X= -500.00 (M) Y= -200.00 (M) Z=   0.00 (M) AZ 85  7 13  1
MAX CORR=0.280543E+03 X= -500.00 (M) Y=    0.00 (M) Z=   0.00 (M) AZ 85  7 13  2
MAX CORR=0.285730E+03 X=   0.00 (M) Y=  500.00 (M) Z=   0.00 (M) AZ 85  7 13  3
MAX CORR=0.662421E+02 X= -200.00 (M) Y=  500.00 (M) Z=   0.00 (M) AZ 85  7 13  4
MAX CORR=0.442086E+02 X= -100.00 (M) Y=  500.00 (M) Z=   0.00 (M) AZ 85  7 13  5
MAX CORR=0.306955E+02 X= -100.00 (M) Y=  500.00 (M) Z=   0.00 (M) AZ 85  7 13  6
MAX CORR=0.452209E+02 X= -100.00 (M) Y=  500.00 (M) Z=   0.00 (M) AZ 85  7 13  7
MAX CORR=0.556777E+02 X= -100.00 (M) Y=  500.00 (M) Z=   0.00 (M) AZ 85  7 13  8
MAX CORR=0.921930E+02 X= -100.00 (M) Y=  500.00 (M) Z=   0.00 (M) AZ 85  7 13  9
MAX CORR=0.440360E+02 X= -200.00 (M) Y=  500.00 (M) Z=   0.00 (M) AZ 85  7 13 10
MAX CORR=-.100000E+01 X= -500.00 (M) Y= -500.00 (M) Z=   0.00 (M) AZ 85  7 13 11
MAX CORR=0.217665E+02 X= -100.00 (M) Y=  500.00 (M) Z=   0.00 (M) AZ 85  7 13 12
MAX CORR=0.165287E+02 X=   0.00 (M) Y=  500.00 (M) Z=   0.00 (M) AZ 85  7 13 13
MAX CORR=0.599616E+01 X=   0.00 (M) Y=  500.00 (M) Z=   0.00 (M) AZ 85  7 13 14
MAX CORR=0.489236E+01 X=   0.00 (M) Y=  500.00 (M) Z=   0.00 (M) AZ 85  7 13 15
MAX CORR=0.413392E+01 X=  100.00 (M) Y=  500.00 (M) Z=   0.00 (M) AZ 85  7 13 16
MAX CORR=0.471847E+01 X=   0.00 (M) Y=  500.00 (M) Z=   0.00 (M) AZ 85  7 13 17
MAX CORR=0.489115E+01 X=   0.00 (M) Y=  500.00 (M) Z=   0.00 (M) AZ 85  7 13 18
MAX CORR=0.554655E+01 X=   0.00 (M) Y=  500.00 (M) Z=   0.00 (M) AZ 85  7 13 19
MAX CORR=0.586903E+01 X=  100.00 (M) Y=  500.00 (M) Z=   0.00 (M) AZ 85  7 13 20
MAX CORR=0.676897E+01 X=  100.00 (M) Y=  500.00 (M) Z=   0.00 (M) AZ 85  7 13 21
MAX CORR=0.760705E+01 X=  100.00 (M) Y=  500.00 (M) Z=   0.00 (M) AZ 85  7 13 22
MAX CORR=0.813054E+01 X=  100.00 (M) Y=  500.00 (M) Z=   0.00 (M) AZ 85  7 13 23
MAX CORR=0.947772E+01 X=  100.00 (M) Y=  500.00 (M) Z=   0.00 (M) AZ 85  7 13 24
MAX CORR=0.907979E+01 X=  100.00 (M) Y=  500.00 (M) Z=   0.00 (M) AZ 85  7 14  1
MAX CORR=0.104561E+02 X=  100.00 (M) Y=  500.00 (M) Z=   0.00 (M) AZ 85  7 14  2
MAX CORR=0.105359E+02 X=  200.00 (M) Y=  500.00 (M) Z=   0.00 (M) AZ 85  7 14  3
MAX CORR=0.899457E+01 X=  200.00 (M) Y=  500.00 (M) Z=   0.00 (M) AZ 85  7 14  4
MAX CORR=0.749093E+01 X=  200.00 (M) Y=  500.00 (M) Z=   0.00 (M) AZ 85  7 14  5
MAX CORR=0.730187E+01 X=  300.00 (M) Y=  500.00 (M) Z=   0.00 (M) AZ 85  7 14  6
MAX CORR=0.829927E+01 X=  300.00 (M) Y=  500.00 (M) Z=   0.00 (M) AZ 85  7 14  7
MAX CORR=0.970328E+01 X=  500.00 (M) Y=  500.00 (M) Z=   0.00 (M) AZ 85  7 14  8
MAX CORR=0.141168E+02 X=  500.00 (M) Y=  400.00 (M) Z=   0.00 (M) AZ 85  7 14  9
MAX CORR=0.173483E+02 X=  500.00 (M) Y=  300.00 (M) Z=   0.00 (M) AZ 85  7 14 10
MAX CORR=-.100000E+01 X= -500.00 (M) Y= -500.00 (M) Z=   0.00 (M) AZ 85  7 14 11
MAX CORR=-.100000E+01 X= -500.00 (M) Y= -500.00 (M) Z=   0.00 (M) AZ 85  7 14 12
MAX CORR=0.137097E+02 X=  500.00 (M) Y=  200.00 (M) Z=   0.00 (M) AZ 85  7 14 13
MAX CORR=0.594689E+01 X=  500.00 (M) Y=  400.00 (M) Z=   0.00 (M) AZ 85  7 14 14
MAX CORR=0.560260E+01 X=  500.00 (M) Y=  400.00 (M) Z=   0.00 (M) AZ 85  7 14 15
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MAX CORR=0.502233E+01 X=  500.00 (M) Y=  100.00 (M) Z=   0.00 (M) AZ 85  7 14 17
MAX CORR=0.450460E+01 X=  500.00 (M) Y=    0.00 (M) Z=   0.00 (M) AZ 85  7 14 18
MAX CORR=0.697432E+01 X=  500.00 (M) Y=    0.00 (M) Z=   0.00 (M) AZ 85  7 14 19
MAX CORR=0.553974E+01 X=  500.00 (M) Y= -100.00 (M) Z=   0.00 (M) AZ 85  7 14 20
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MAX CONC=0.293058E+01 X= 500.00 (M) Y= -100.00 (M) Z= 0.00 (M) AT 85 7 14 21
MAX CONC=0.268625E+01 X= 500.00 (M) Y= 0.00 (M) Z= 0.00 (M) AT 85 7 14 22
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MAX CONC=0.109757E+02 X= 200.00 (M) Y= 500.00 (M) Z= 0.00 (M) AT 85 7 14 24
MAX CONC=0.290793E+02 X= 100.00 (M) Y= 500.00 (M) Z= 0.00 (M) AT 85 7 15 1
MAX CONC=0.625455E+02 X= 300.00 (M) Y= 500.00 (M) Z= 0.00 (M) AT 85 7 15 2
MAX CONC=0.337307E+02 X= 500.00 (M) Y= 400.00 (M) Z= 0.00 (M) AT 85 7 15 3
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MAX CONC=0.208333E+03 X= 500.00 (M) Y= 200.00 (M) Z= 0.00 (M) AT 85 7 15 5
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MAX CONC=0.232580E+02 X= 500.00 (M) Y= 300.00 (M) Z= 0.00 (M) AT 85 7 15 9
MAX CONC=0.838135E+02 X= 500.00 (M) Y= 400.00 (M) Z= 0.00 (M) AT 85 7 15 10
MAX CONC=-.100000E+01 X= -500.00 (M) Y= -500.00 (M) Z= 0.00 (M) AT 85 7 15 11
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MAX CONC=-.100000E+01 X= -500.00 (M) Y= -500.00 (M) Z= 0.00 (M) AT 85 7 15 13
MAX CONC=-.100000E+01 X= -500.00 (M) Y= -500.00 (M) Z= 0.00 (M) AT 85 7 15 14
MAX CONC=-.100000E+01 X= -500.00 (M) Y= -500.00 (M) Z= 0.00 (M) AT 85 7 15 15
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MAX CONC=0.451877E+01 X= 500.00 (M) Y= -100.00 (M) Z= 0.00 (M) AT 85 7 15 19
MAX CONC=0.416196E+01 X= 500.00 (M) Y= 0.00 (M) Z= 0.00 (M) AT 85 7 15 20
MAX CONC=0.241637E+01 X= -500.00 (M) Y= -100.00 (M) Z= 0.00 (M) AT 85 7 15 21
MAX CONC=0.408478E+01 X= -200.00 (M) Y= -500.00 (M) Z= 0.00 (M) AT 85 7 15 22
MAX CONC=0.484127E+01 X= -400.00 (M) Y= -500.00 (M) Z= 0.00 (M) AT 85 7 15 23
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MAX CONC=0.274907E+03 X= -500.00 (M) Y= -100.00 (M) Z= 0.00 (M) AT 85 7 16 1
MAX CONC=0.254139E+03 X= -400.00 (M) Y= -500.00 (M) Z= 0.00 (M) AT 85 7 16 2
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MAX CONC=0.258053E+03 X= 200.00 (M) Y= -500.00 (M) Z= 0.00 (M) AT 85 7 16 7
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MAX CONC=0.266660E+03 X= 500.00 (M) Y= -300.00 (M) Z= 0.00 (M) AT 85 7 16 9
MAX CONC=0.249153E+03 X= 500.00 (M) Y= -200.00 (M) Z= 0.00 (M) AT 85 7 16 10
MAX CONC=-.100000E+01 X= -500.00 (M) Y= -500.00 (M) Z= 0.00 (M) AT 85 7 16 11
MAX CONC=0.155233E+02 X= 500.00 (M) Y= -300.00 (M) Z= 0.00 (M) AT 85 7 16 12
MAX CONC=0.372037E+01 X= 500.00 (M) Y= -400.00 (M) Z= 0.00 (M) AT 85 7 16 13
MAX CONC=0.340593E+01 X= 200.00 (M) Y= -500.00 (M) Z= 0.00 (M) AT 85 7 16 14
MAX CONC=0.264138E+01 X= 0.00 (M) Y= -500.00 (M) Z= 0.00 (M) AT 85 7 16 15
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MAX CONC=0.286954E+01 X= 100.00 (M) Y= -500.00 (M) Z= 0.00 (M) AT 85 7 16 17
MAX CONC=0.316107E+01 X= 100.00 (M) Y= -500.00 (M) Z= 0.00 (M) AT 85 7 16 18
MAX CONC=0.243554E+01 X= 0.00 (M) Y= -500.00 (M) Z= 0.00 (M) AT 85 7 16 19
MAX CONC=0.272457E+01 X= -200.00 (M) Y= -500.00 (M) Z= 0.00 (M) AT 85 7 16 20
MAX CONC=0.306259E+01 X= -300.00 (M) Y= -500.00 (M) Z= 0.00 (M) AT 85 7 16 21
MAX CONC=0.299964E+01 X= -500.00 (M) Y= -300.00 (M) Z= 0.00 (M) AT 85 7 16 22
MAX CONC=0.426492E+01 X= -300.00 (M) Y= -500.00 (M) Z= 0.00 (M) AT 85 7 16 23
MAX CONC=0.798434E+01 X= -300.00 (M) Y= -500.00 (M) Z= 0.00 (M) AT 85 7 16 24
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MAX CONC=0.197480E+03 X= -500.00 (M) Y= -400.00 (M) Z= 0.00 (M) AT 85 7 17 2
MAX CONC=0.266660E+03 X= -500.00 (M) Y= -300.00 (M) Z= 0.00 (M) AT 85 7 17 3
MAX CONC=0.276758E+03 X= -500.00 (M) Y= -200.00 (M) Z= 0.00 (M) AT 85 7 17 4
MAX CONC=0.270460E+03 X= -500.00 (M) Y= 0.00 (M) Z= 0.00 (M) AT 85 7 17 5
MAX CONC=0.271682E+03 X= -500.00 (M) Y= -100.00 (M) Z= 0.00 (M) AT 85 7 17 6
MAX CONC=0.269797E+03 X= -500.00 (M) Y= -200.00 (M) Z= 0.00 (M) AT 85 7 17 7
MAX CONC=0.243620E+03 X= -500.00 (M) Y= -500.00 (M) Z= 0.00 (M) AT 85 7 17 8
MAX CONC=0.264555E+03 X= -200.00 (M) Y= -500.00 (M) Z= 0.00 (M) AT 85 7 17 9
MAX CONC=0.274850E+03 X= -200.00 (M) Y= -500.00 (M) Z= 0.00 (M) AT 85 7 17 10
MAX CONC=-.100000E+01 X= -500.00 (M) Y= -500.00 (M) Z= 0.00 (M) AT 85 7 17 11
MAX CONC=0.197443E+02 X= -500.00 (M) Y= -200.00 (M) Z= 0.00 (M) AT 85 7 17 12
MAX CONC=0.919935E+01 X= -500.00 (M) Y= -300.00 (M) Z= 0.00 (M) AT 85 7 17 13
MAX CONC=0.289509E+01 X= -500.00 (M) Y= -200.00 (M) Z= 0.00 (M) AT 85 7 17 14
MAX CONC=0.293526E+01 X= -500.00 (M) Y= -100.00 (M) Z= 0.00 (M) AT 85 7 17 15
MAX CONC=0.208926E+01 X= -500.00 (M) Y= -100.00 (M) Z= 0.00 (M) AT 85 7 17 16
MAX CONC=0.209639E+01 X= -500.00 (M) Y= -100.00 (M) Z= 0.00 (M) AT 85 7 17 17
MAX CONC=0.214124E+01 X= -500.00 (M) Y= 0.00 (M) Z= 0.00 (M) AT 85 7 17 18
MAX CONC=0.172031E+01 X= -500.00 (M) Y= 200.00 (M) Z= 0.00 (M) AT 85 7 17 19
MAX CONC=0.296749E+01 X= 0.00 (M) Y= 500.00 (M) Z= 0.00 (M) AT 85 7 17 20
MAX CONC=0.303527E+01 X= -100.00 (M) Y= 500.00 (M) Z= 0.00 (M) AT 85 7 17 21
MAX CONC=0.407012E+01 X= -100.00 (M) Y= 500.00 (M) Z= 0.00 (M) AT 85 7 17 22
MAX CONC=0.437096E+01 X= -100.00 (M) Y= 500.00 (M) Z= 0.00 (M) AT 85 7 17 23
MAX CONC=0.120860E+02 X= -100.00 (M) Y= 500.00 (M) Z= 0.00 (M) AT 85 7 17 24
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MAX CONC=0.273692E+03 X= 200.00 (M) Y= 500.00 (M) Z= 0.00 (M) AT 85 7 18 2
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MAX CONC=0.276083E+03 X= 0.00 (M) Y= -500.00 (M) Z= 0.00 (M) AT 85 7 18 4
MAX CONC=0.264555E+03 X= -200.00 (M) Y= -500.00 (M) Z= 0.00 (M) AT 85 7 18 5
MAX CONC=0.245412E+03 X= -500.00 (M) Y= -400.00 (M) Z= 0.00 (M) AT 85 7 18 6
MAX CONC=0.274850E+03 X= -500.00 (M) Y= -200.00 (M) Z= 0.00 (M) AT 85 7 18 7
MAX CONC=0.283778E+03 X= -500.00 (M) Y= 0.00 (M) Z= 0.00 (M) AT 85 7 18 8

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MAX CONC=0.271509E+03 X= -500.00 (M) Y=  200.00 (M) Z=    0.00 (M) AT 85 7 18  9
MAX CONC=0.277202E+03 X= -500.00 (M) Y=  200.00 (M) Z=    0.00 (M) AT 85 7 18 10
MAX CONC=-.100000E+01 X= -500.00 (M) Y= -500.00 (M) Z=    0.00 (M) AT 85 7 18 11
MAX CONC=0.172898E+02 X= -500.00 (M) Y=  300.00 (M) Z=    0.00 (M) AT 85 7 18 12
MAX CONC=0.240086E+01 X= -500.00 (M) Y=  300.00 (M) Z=    0.00 (M) AT 85 7 18 13
MAX CONC=0.278044E+01 X= -100.00 (M) Y=  500.00 (M) Z=    0.00 (M) AT 85 7 18 14
MAX CONC=0.306610E+01 X=    0.00 (M) Y=  500.00 (M) Z=    0.00 (M) AT 85 7 18 15
MAX CONC=0.389360E+01 X=    0.00 (M) Y=  500.00 (M) Z=    0.00 (M) AT 85 7 18 16
MAX CONC=0.339504E+01 X=    0.00 (M) Y=  500.00 (M) Z=    0.00 (M) AT 85 7 18 17
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MAX CONC=0.416433E+01 X=    0.00 (M) Y=  500.00 (M) Z=    0.00 (M) AT 85 7 18 19
MAX CONC=0.491072E+01 X=    0.00 (M) Y=  500.00 (M) Z=    0.00 (M) AT 85 7 18 20
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MAX CONC=0.654986E+01 X=    0.00 (M) Y=  500.00 (M) Z=    0.00 (M) AT 85 7 18 22
MAX CONC=0.824267E+01 X=    0.00 (M) Y=  500.00 (M) Z=    0.00 (M) AT 85 7 18 23
MAX CONC=0.123016E+02 X=  100.00 (M) Y=  500.00 (M) Z=    0.00 (M) AT 85 7 18 24
MAX CONC=0.304504E+02 X=  100.00 (M) Y=  500.00 (M) Z=    0.00 (M) AT 85 7 19  1
MAX CONC=0.241786E+02 X=    0.00 (M) Y=  500.00 (M) Z=    0.00 (M) AT 85 7 19  2
MAX CONC=0.276097E+02 X=  100.00 (M) Y=  500.00 (M) Z=    0.00 (M) AT 85 7 19  3
MAX CONC=0.342291E+02 X=  100.00 (M) Y=  500.00 (M) Z=    0.00 (M) AT 85 7 19  4
MAX CONC=0.539779E+02 X=  200.00 (M) Y=  500.00 (M) Z=    0.00 (M) AT 85 7 19  5
MAX CONC=0.455384E+02 X=  200.00 (M) Y=  500.00 (M) Z=    0.00 (M) AT 85 7 19  6
MAX CONC=0.388080E+02 X=  200.00 (M) Y=  500.00 (M) Z=    0.00 (M) AT 85 7 19  7
MAX CONC=0.536637E+02 X=  200.00 (M) Y=  500.00 (M) Z=    0.00 (M) AT 85 7 19  8
MAX CONC=0.506467E+02 X=  300.00 (M) Y=  500.00 (M) Z=    0.00 (M) AT 85 7 19  9
MAX CONC=0.244596E+02 X=  400.00 (M) Y=  500.00 (M) Z=    0.00 (M) AT 85 7 19 10
MAX CONC=-.100000E+01 X= -500.00 (M) Y= -500.00 (M) Z=    0.00 (M) AT 85 7 19 11
MAX CONC=0.640859E+01 X=  500.00 (M) Y=  300.00 (M) Z=    0.00 (M) AT 85 7 19 12
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MAX CONC=0.125598E+02 X=  500.00 (M) Y=  400.00 (M) Z=    0.00 (M) AT 85 7 19 14
MAX CONC=0.136845E+02 X=  500.00 (M) Y=  300.00 (M) Z=    0.00 (M) AT 85 7 19 15
MAX CONC=0.661037E+01 X=  500.00 (M) Y=  300.00 (M) Z=    0.00 (M) AT 85 7 19 16
MAX CONC=0.479377E+01 X=  500.00 (M) Y=  400.00 (M) Z=    0.00 (M) AT 85 7 19 17
MAX CONC=0.723002E+01 X=  500.00 (M) Y=  200.00 (M) Z=    0.00 (M) AT 85 7 19 18
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MAX CONC=0.667239E+01 X=  500.00 (M) Y=  500.00 (M) Z=    0.00 (M) AT 85 7 19 20
MAX CONC=0.198620E+02 X=  300.00 (M) Y=  500.00 (M) Z=    0.00 (M) AT 85 7 19 21
MAX CONC=0.184433E+02 X=  500.00 (M) Y= -100.00 (M) Z=    0.00 (M) AT 85 7 19 22
MAX CONC=0.105986E+02 X=  500.00 (M) Y= -100.00 (M) Z=    0.00 (M) AT 85 7 19 23
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MAX CONC=0.292686E+02 X=  500.00 (M) Y=  200.00 (M) Z=    0.00 (M) AT 85 7 20  1
MAX CONC=0.274254E+02 X=  500.00 (M) Y=  200.00 (M) Z=    0.00 (M) AT 85 7 20  2
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MAX CONC=0.195542E+03 X=  400.00 (M) Y= -500.00 (M) Z=    0.00 (M) AT 85 7 20  9
MAX CONC=0.254139E+03 X=  400.00 (M) Y= -500.00 (M) Z=    0.00 (M) AT 85 7 20 10
MAX CONC=-.100000E+01 X= -500.00 (M) Y= -500.00 (M) Z=    0.00 (M) AT 85 7 20 11
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MAX CONC=0.292412E+01 X= -500.00 (M) Y= -200.00 (M) Z=    0.00 (M) AT 85 7 20 21
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MAX CONC=0.881493E+01 X= -500.00 (M) Y= -400.00 (M) Z=    0.00 (M) AT 85 7 20 24
MAX CONC=0.272859E+02 X= -500.00 (M) Y= -400.00 (M) Z=    0.00 (M) AT 85 7 21  1
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MAX CONC=0.264243E+03 X= -500.00 (M) Y=  300.00 (M) Z=    0.00 (M) AT 85 7 21  5
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MAX CONC=0.493939E+02 X= -200.00 (M) Y=  500.00 (M) Z=    0.00 (M) AT 85 7 21  9
MAX CONC=0.493939E+02 X= -200.00 (M) Y=  500.00 (M) Z=    0.00 (M) AT 85 7 21 10
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MAX CONC=0.843794E+01 X= -200.00 (M) Y=  500.00 (M) Z=    0.00 (M) AT 85 7 21 13
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MAX CONC=0.137976E+02 X=    0.00 (M) Y=  500.00 (M) Z=    0.00 (M) AT 85 7 21 16
MAX CONC=0.811979E+01 X= -100.00 (M) Y=  500.00 (M) Z=    0.00 (M) AT 85 7 21 17
MAX CONC=0.664131E+01 X=    0.00 (M) Y=  500.00 (M) Z=    0.00 (M) AT 85 7 21 18
MAX CONC=0.629179E+01 X=  200.00 (M) Y=  500.00 (M) Z=    0.00 (M) AT 85 7 21 19
MAX CONC=0.446360E+01 X=  300.00 (M) Y=  500.00 (M) Z=    0.00 (M) AT 85 7 21 20
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MAX CONC=0.102676E+02 X=   500.00 (M) Y=   200.00 (M) Z=     0.00 (M) AT 85 7 21 23
MAX CONC=0.139067E+02 X=   500.00 (M) Y=   300.00 (M) Z=     0.00 (M) AT 85 7 21 24
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MAX CONC=0.427139E+02 X=   500.00 (M) Y=   200.00 (M) Z=     0.00 (M) AT 85 7 22  2
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MAX CONC=0.890983E+02 X=  -300.00 (M) Y=  -500.00 (M) Z=     0.00 (M) AT 85 7 22  6
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MAX CONC=0.348480E+02 X=   100.00 (M) Y=  -500.00 (M) Z=     0.00 (M) AT 85 7 22 10
MAX CONC=-.100000E+01 X=  -500.00 (M) Y=  -500.00 (M) Z=     0.00 (M) AT 85 7 22 11
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MAX CONC=0.381210E+01 X=   200.00 (M) Y=  -500.00 (M) Z=     0.00 (M) AT 85 7 22 13
MAX CONC=0.427885E+01 X=   100.00 (M) Y=  -500.00 (M) Z=     0.00 (M) AT 85 7 22 14
MAX CONC=0.381667E+01 X=   200.00 (M) Y=  -500.00 (M) Z=     0.00 (M) AT 85 7 22 15
MAX CONC=0.191730E+01 X=   100.00 (M) Y=  -500.00 (M) Z=     0.00 (M) AT 85 7 22 16
MAX CONC=0.188045E+01 X=   500.00 (M) Y=  -200.00 (M) Z=     0.00 (M) AT 85 7 22 17
MAX CONC=0.294966E+01 X=   500.00 (M) Y=  -100.00 (M) Z=     0.00 (M) AT 85 7 22 18
MAX CONC=0.299910E+01 X=   500.00 (M) Y=  -200.00 (M) Z=     0.00 (M) AT 85 7 22 19
MAX CONC=0.348031E+01 X=   500.00 (M) Y=  -200.00 (M) Z=     0.00 (M) AT 85 7 22 20
MAX CONC=0.364069E+01 X=   500.00 (M) Y=  -300.00 (M) Z=     0.00 (M) AT 85 7 22 21
MAX CONC=0.333441E+01 X=   500.00 (M) Y=  -300.00 (M) Z=     0.00 (M) AT 85 7 22 22
MAX CONC=0.664072E+01 X=   500.00 (M) Y=  -200.00 (M) Z=     0.00 (M) AT 85 7 22 23
MAX CONC=0.105849E+02 X=   400.00 (M) Y=  -500.00 (M) Z=     0.00 (M) AT 85 7 22 24
MAX CONC=0.379196E+02 X=  -200.00 (M) Y=  -500.00 (M) Z=     0.00 (M) AT 85 7 23  1
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MAX CONC=-.100000E+01 X=  -500.00 (M) Y=  -500.00 (M) Z=     0.00 (M) AT 85 7 23 11
MAX CONC=0.993312E+01 X=  -200.00 (M) Y=  -500.00 (M) Z=     0.00 (M) AT 85 7 23 12
MAX CONC=0.217080E+01 X=  -200.00 (M) Y=  -500.00 (M) Z=     0.00 (M) AT 85 7 23 13
MAX CONC=0.183033E+01 X=  -500.00 (M) Y=  -200.00 (M) Z=     0.00 (M) AT 85 7 23 14
MAX CONC=0.207043E+01 X=  -500.00 (M) Y=  -100.00 (M) Z=     0.00 (M) AT 85 7 23 15
MAX CONC=0.210985E+01 X=  -500.00 (M) Y=  -100.00 (M) Z=     0.00 (M) AT 85 7 23 16
MAX CONC=0.212175E+01 X=  -500.00 (M) Y=     0.00 (M) Z=     0.00 (M) AT 85 7 23 17
MAX CONC=0.216763E+01 X=  -500.00 (M) Y=   100.00 (M) Z=     0.00 (M) AT 85 7 23 18
MAX CONC=0.227068E+01 X=     0.00 (M) Y=   500.00 (M) Z=     0.00 (M) AT 85 7 23 19
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MAX CONC=0.453540E+01 X=     0.00 (M) Y=   500.00 (M) Z=     0.00 (M) AT 85 7 23 21
MAX CONC=0.462415E+01 X=     0.00 (M) Y=   500.00 (M) Z=     0.00 (M) AT 85 7 23 22
MAX CONC=0.674217E+01 X=     0.00 (M) Y=   500.00 (M) Z=     0.00 (M) AT 85 7 23 23
MAX CONC=0.122127E+02 X=   100.00 (M) Y=   500.00 (M) Z=     0.00 (M) AT 85 7 23 24
MAX CONC=0.653792E+02 X=   300.00 (M) Y=   500.00 (M) Z=     0.00 (M) AT 85 7 24  1
MAX CONC=0.262922E+03 X=   100.00 (M) Y=   500.00 (M) Z=     0.00 (M) AT 85 7 24  2
MAX CONC=0.232313E+03 X=  -200.00 (M) Y=   500.00 (M) Z=     0.00 (M) AT 85 7 24  3
MAX CONC=0.575611E+02 X=  -400.00 (M) Y=   500.00 (M) Z=     0.00 (M) AT 85 7 24  4
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MAX CONC=0.213708E+03 X=  -200.00 (M) Y=   500.00 (M) Z=     0.00 (M) AT 85 7 24  9
MAX CONC=0.398470E+02 X=  -100.00 (M) Y=   500.00 (M) Z=     0.00 (M) AT 85 7 24 10
MAX CONC=-.100000E+01 X=  -500.00 (M) Y=  -500.00 (M) Z=     0.00 (M) AT 85 7 24 11
MAX CONC=0.130750E+02 X=  -200.00 (M) Y=   500.00 (M) Z=     0.00 (M) AT 85 7 24 12
MAX CONC=0.463008E+01 X=  -200.00 (M) Y=   500.00 (M) Z=     0.00 (M) AT 85 7 24 13
MAX CONC=0.482333E+01 X=  -100.00 (M) Y=   500.00 (M) Z=     0.00 (M) AT 85 7 24 14
MAX CONC=0.412470E+01 X=     0.00 (M) Y=   500.00 (M) Z=     0.00 (M) AT 85 7 24 15
MAX CONC=0.340416E+01 X=   100.00 (M) Y=   500.00 (M) Z=     0.00 (M) AT 85 7 24 16
MAX CONC=0.439473E+01 X=   100.00 (M) Y=   500.00 (M) Z=     0.00 (M) AT 85 7 24 17
MAX CONC=0.456606E+01 X=   100.00 (M) Y=   500.00 (M) Z=     0.00 (M) AT 85 7 24 18
MAX CONC=0.829907E+01 X=     0.00 (M) Y=   500.00 (M) Z=     0.00 (M) AT 85 7 24 19
MAX CONC=0.858468E+01 X=   100.00 (M) Y=   500.00 (M) Z=     0.00 (M) AT 85 7 24 20
MAX CONC=0.641561E+01 X=   100.00 (M) Y=   500.00 (M) Z=     0.00 (M) AT 85 7 24 21
MAX CONC=0.680001E+01 X=   100.00 (M) Y=   500.00 (M) Z=     0.00 (M) AT 85 7 24 22
MAX CONC=0.817338E+01 X=   200.00 (M) Y=   500.00 (M) Z=     0.00 (M) AT 85 7 24 23
MAX CONC=0.128550E+02 X=     0.00 (M) Y=   500.00 (M) Z=     0.00 (M) AT 85 7 24 24
MAX CONC=0.159939E+02 X=  -100.00 (M) Y=   500.00 (M) Z=     0.00 (M) AT 85 7 25  1
MAX CONC=0.201734E+02 X=  -300.00 (M) Y=   500.00 (M) Z=     0.00 (M) AT 85 7 25  2
MAX CONC=0.179521E+02 X=  -200.00 (M) Y=   500.00 (M) Z=     0.00 (M) AT 85 7 25  3
MAX CONC=0.208610E+02 X=     0.00 (M) Y=   500.00 (M) Z=     0.00 (M) AT 85 7 25  4
MAX CONC=0.164929E+02 X=     0.00 (M) Y=   500.00 (M) Z=     0.00 (M) AT 85 7 25  5
MAX CONC=0.159317E+02 X=   100.00 (M) Y=   500.00 (M) Z=     0.00 (M) AT 85 7 25  6
MAX CONC=0.108756E+02 X=   100.00 (M) Y=   500.00 (M) Z=     0.00 (M) AT 85 7 25  7
MAX CONC=0.988096E+01 X=   100.00 (M) Y=   500.00 (M) Z=     0.00 (M) AT 85 7 25  8
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MAX CONC=0.966007E+01 X=   200.00 (M) Y=   500.00 (M) Z=     0.00 (M) AT  85  7 25  9
MAX CONC=0.105359E+02 X=   200.00 (M) Y=   500.00 (M) Z=     0.00 (M) AT  85  7 25 10
MAX CONC=-.100000E+01 X=  -500.00 (M) Y=  -500.00 (M) Z=     0.00 (M) AT  85  7 25 11
MAX CONC=0.966007E+01 X=   200.00 (M) Y=   500.00 (M) Z=     0.00 (M) AT  85  7 25 12
MAX CONC=0.991368E+01 X=   200.00 (M) Y=   500.00 (M) Z=     0.00 (M) AT  85  7 25 13
MAX CONC=0.836500E+01 X=   200.00 (M) Y=   500.00 (M) Z=     0.00 (M) AT  85  7 25 14
MAX CONC=0.980866E+01 X=   200.00 (M) Y=   500.00 (M) Z=     0.00 (M) AT  85  7 25 15
MAX CONC=0.906206E+01 X=   100.00 (M) Y=   500.00 (M) Z=     0.00 (M) AT  85  7 25 16
MAX CONC=0.867039E+01 X=   100.00 (M) Y=   500.00 (M) Z=     0.00 (M) AT  85  7 25 17
MAX CONC=0.813054E+01 X=   100.00 (M) Y=   500.00 (M) Z=     0.00 (M) AT  85  7 25 18
MAX CONC=0.813671E+01 X=   100.00 (M) Y=   500.00 (M) Z=     0.00 (M) AT  85  7 25 19
MAX CONC=0.702432E+01 X=     0.00 (M) Y=   500.00 (M) Z=     0.00 (M) AT  85  7 25 20
MAX CONC=0.675791E+01 X=     0.00 (M) Y=   500.00 (M) Z=     0.00 (M) AT  85  7 25 21
MAX CONC=0.734485E+01 X=   100.00 (M) Y=   500.00 (M) Z=     0.00 (M) AT  85  7 25 22
MAX CONC=0.852905E+01 X=   100.00 (M) Y=   500.00 (M) Z=     0.00 (M) AT  85  7 25 23
MAX CONC=-.100000E+01 X=  -500.00 (M) Y=  -500.00 (M) Z=     0.00 (M) AT  85  7 25 24
MAX CONC=0.119927E+02 X=     0.00 (M) Y=   500.00 (M) Z=     0.00 (M) AT  85  7 26  1
MAX CONC=0.123885E+02 X=     0.00 (M) Y=   500.00 (M) Z=     0.00 (M) AT  85  7 26  2
MAX CONC=0.128550E+02 X=     0.00 (M) Y=   500.00 (M) Z=     0.00 (M) AT  85  7 26  3
MAX CONC=0.184433E+02 X=   500.00 (M) Y=  -100.00 (M) Z=     0.00 (M) AT  85  7 26  4
MAX CONC=0.156751E+02 X=   500.00 (M) Y=   500.00 (M) Z=     0.00 (M) AT  85  7 26  5
MAX CONC=0.247000E+02 X=   500.00 (M) Y=   400.00 (M) Z=     0.00 (M) AT  85  7 26  6
MAX CONC=0.395171E+02 X=   500.00 (M) Y=   100.00 (M) Z=     0.00 (M) AT  85  7 26  7
MAX CONC=0.526637E+02 X=   100.00 (M) Y=  -500.00 (M) Z=     0.00 (M) AT  85  7 26  8
MAX CONC=0.193032E+02 X=     0.00 (M) Y=  -500.00 (M) Z=     0.00 (M) AT  85  7 26  9
MAX CONC=0.315165E+02 X=   100.00 (M) Y=  -500.00 (M) Z=     0.00 (M) AT  85  7 26 10
MAX CONC=-.100000E+01 X=  -500.00 (M) Y=  -500.00 (M) Z=     0.00 (M) AT  85  7 26 11
MAX CONC=-.100000E+01 X=  -500.00 (M) Y=  -500.00 (M) Z=     0.00 (M) AT  85  7 26 12
MAX CONC=0.953572E+01 X=   100.00 (M) Y=  -500.00 (M) Z=     0.00 (M) AT  85  7 26 13
MAX CONC=0.794260E+01 X=   200.00 (M) Y=  -500.00 (M) Z=     0.00 (M) AT  85  7 26 14
MAX CONC=0.732651E+01 X=   100.00 (M) Y=  -500.00 (M) Z=     0.00 (M) AT  85  7 26 15
MAX CONC=0.316482E+01 X=   100.00 (M) Y=  -500.00 (M) Z=     0.00 (M) AT  85  7 26 16
MAX CONC=0.360113E+01 X=     0.00 (M) Y=  -500.00 (M) Z=     0.00 (M) AT  85  7 26 17
MAX CONC=0.313387E+01 X=  -100.00 (M) Y=  -500.00 (M) Z=     0.00 (M) AT  85  7 26 18
MAX CONC=0.361620E+01 X=  -100.00 (M) Y=  -500.00 (M) Z=     0.00 (M) AT  85  7 26 19
MAX CONC=0.329413E+01 X=  -100.00 (M) Y=  -500.00 (M) Z=     0.00 (M) AT  85  7 26 20
MAX CONC=0.504816E+01 X=  -100.00 (M) Y=  -500.00 (M) Z=     0.00 (M) AT  85  7 26 21
MAX CONC=0.541321E+01 X=  -100.00 (M) Y=  -500.00 (M) Z=     0.00 (M) AT  85  7 26 22
MAX CONC=0.654566E+01 X=  -100.00 (M) Y=  -500.00 (M) Z=     0.00 (M) AT  85  7 26 23
MAX CONC=0.112784E+02 X=  -200.00 (M) Y=  -500.00 (M) Z=     0.00 (M) AT  85  7 26 24
MAX CONC=0.255739E+03 X=  -400.00 (M) Y=  -500.00 (M) Z=     0.00 (M) AT  85  7 27  1
MAX CONC=0.243620E+03 X=  -500.00 (M) Y=  -500.00 (M) Z=     0.00 (M) AT  85  7 27  2
MAX CONC=0.254139E+03 X=  -500.00 (M) Y=  -400.00 (M) Z=     0.00 (M) AT  85  7 27  3
MAX CONC=0.253230E+03 X=  -400.00 (M) Y=  -500.00 (M) Z=     0.00 (M) AT  85  7 27  4
MAX CONC=0.276758E+03 X=  -200.00 (M) Y=  -500.00 (M) Z=     0.00 (M) AT  85  7 27  5
MAX CONC=0.280543E+03 X=     0.00 (M) Y=  -500.00 (M) Z=     0.00 (M) AT  85  7 27  6
MAX CONC=0.274907E+03 X=   100.00 (M) Y=  -500.00 (M) Z=     0.00 (M) AT  85  7 27  7
MAX CONC=0.269797E+03 X=   500.00 (M) Y=  -200.00 (M) Z=     0.00 (M) AT  85  7 27  8
MAX CONC=0.254235E+03 X=   500.00 (M) Y=  -300.00 (M) Z=     0.00 (M) AT  85  7 27  9
MAX CONC=0.266660E+03 X=   300.00 (M) Y=  -300.00 (M) Z=     0.00 (M) AT  85  7 27 10
MAX CONC=-.100000E+01 X=  -500.00 (M) Y=  -500.00 (M) Z=     0.00 (M) AT  85  7 27 11
MAX CONC=0.204162E+02 X=   500.00 (M) Y=  -500.00 (M) Z=     0.00 (M) AT  85  7 27 12
MAX CONC=0.992473E+01 X=   100.00 (M) Y=  -500.00 (M) Z=     0.00 (M) AT  85  7 27 13
MAX CONC=0.326118E+01 X=  -100.00 (M) Y=  -500.00 (M) Z=     0.00 (M) AT  85  7 27 14
MAX CONC=0.216467E+01 X=     0.00 (M) Y=  -500.00 (M) Z=     0.00 (M) AT  85  7 27 15
MAX CONC=0.210806E+01 X=   100.00 (M) Y=  -500.00 (M) Z=     0.00 (M) AT  85  7 27 16
MAX CONC=0.227387E+01 X=   500.00 (M) Y=     0.00 (M) Z=     0.00 (M) AT  85  7 27 17
MAX CONC=0.243968E+01 X=   500.00 (M) Y=     0.00 (M) Z=     0.00 (M) AT  85  7 27 18
MAX CONC=0.204899E+01 X=   200.00 (M) Y=  -500.00 (M) Z=     0.00 (M) AT  85  7 27 19
MAX CONC=0.345260E+01 X=  -100.00 (M) Y=  -500.00 (M) Z=     0.00 (M) AT  85  7 27 20
MAX CONC=0.224675E+01 X=  -100.00 (M) Y=  -500.00 (M) Z=     0.00 (M) AT  85  7 27 21
MAX CONC=0.260740E+01 X=  -500.00 (M) Y=  -200.00 (M) Z=     0.00 (M) AT  85  7 27 22
MAX CONC=0.345914E+01 X=  -500.00 (M) Y=  -300.00 (M) Z=     0.00 (M) AT  85  7 27 23
MAX CONC=0.880027E+01 X=  -300.00 (M) Y=  -500.00 (M) Z=     0.00 (M) AT  85  7 27 24
MAX CONC=0.228791E+03 X=  -400.00 (M) Y=  -500.00 (M) Z=     0.00 (M) AT  85  7 28  1
MAX CONC=0.269797E+03 X=  -500.00 (M) Y=  -200.00 (M) Z=     0.00 (M) AT  85  7 28  2
MAX CONC=0.276654E+03 X=  -500.00 (M) Y=  -100.00 (M) Z=     0.00 (M) AT  85  7 28  3
MAX CONC=0.279116E+03 X=  -500.00 (M) Y=   100.00 (M) Z=     0.00 (M) AT  85  7 28  4
MAX CONC=0.608332E+02 X=  -500.00 (M) Y=   400.00 (M) Z=     0.00 (M) AT  85  7 28  5
MAX CONC=0.507095E+02 X=  -300.00 (M) Y=   500.00 (M) Z=     0.00 (M) AT  85  7 28  6
MAX CONC=0.163931E+03 X=  -200.00 (M) Y=   500.00 (M) Z=     0.00 (M) AT  85  7 28  7
MAX CONC=0.968042E+02 X=  -100.00 (M) Y=   500.00 (M) Z=     0.00 (M) AT  85  7 28  8
MAX CONC=0.239056E+03 X=  -100.00 (M) Y=   500.00 (M) Z=     0.00 (M) AT  85  7 28  9
MAX CONC=0.909102E+02 X=   100.00 (M) Y=   500.00 (M) Z=     0.00 (M) AT  85  7 28 10
MAX CONC=-.100000E+01 X=  -500.00 (M) Y=  -500.00 (M) Z=     0.00 (M) AT  85  7 28 11
MAX CONC=0.175998E+02 X=   300.00 (M) Y=   500.00 (M) Z=     0.00 (M) AT  85  7 28 12
MAX CONC=0.429264E+01 X=   400.00 (M) Y=   500.00 (M) Z=     0.00 (M) AT  85  7 28 13
MAX CONC=0.514316E+01 X=   300.00 (M) Y=   500.00 (M) Z=     0.00 (M) AT  85  7 28 14
MAX CONC=0.322526E+01 X=   300.00 (M) Y=   500.00 (M) Z=     0.00 (M) AT  85  7 28 15
MAX CONC=0.268097E+01 X=   300.00 (M) Y=   500.00 (M) Z=     0.00 (M) AT  85  7 28 16
MAX CONC=0.353465E+01 X=   300.00 (M) Y=   500.00 (M) Z=     0.00 (M) AT  85  7 28 17
MAX CONC=0.354952E+01 X=   300.00 (M) Y=   500.00 (M) Z=     0.00 (M) AT  85  7 28 18
MAX CONC=0.271870E+01 X=   200.00 (M) Y=   500.00 (M) Z=     0.00 (M) AT  85  7 28 19
MAX CONC=0.384433E+01 X=   100.00 (M) Y=   500.00 (M) Z=     0.00 (M) AT  85  7 28 20
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MAX CONC=0.493066E+01 X=   100.00 (M) Y=   500.00 (M) Z=     0.00 (M) AT  85  7 28 21
MAX CONC=0.557002E+01 X=   100.00 (M) Y=   500.00 (M) Z=     0.00 (M) AT  85  7 28 22
MAX CONC=0.762704E+01 X=   100.00 (M) Y=   500.00 (M) Z=     0.00 (M) AT  85  7 28 23
MAX CONC=0.113835E+02 X=   100.00 (M) Y=   500.00 (M) Z=     0.00 (M) AT  85  7 28 24
MAX CONC=0.196095E+02 X=   100.00 (M) Y=   500.00 (M) Z=     0.00 (M) AT  85  7 29  1
MAX CONC=0.288684E+02 X=   200.00 (M) Y=   500.00 (M) Z=     0.00 (M) AT  85  7 29  2
MAX CONC=0.388080E+02 X=   200.00 (M) Y=   500.00 (M) Z=     0.00 (M) AT  85  7 29  3
MAX CONC=0.655546E+02 X=   300.00 (M) Y=   500.00 (M) Z=     0.00 (M) AT  85  7 29  4
MAX CONC=0.548328E+02 X=   200.00 (M) Y=   500.00 (M) Z=     0.00 (M) AT  85  7 29  5
MAX CONC=0.232313E+03 X=   200.00 (M) Y=   500.00 (M) Z=     0.00 (M) AT  85  7 29  6
MAX CONC=0.264005E+03 X=   300.00 (M) Y=   500.00 (M) Z=     0.00 (M) AT  85  7 29  7
MAX CONC=0.229957E+03 X=   400.00 (M) Y=   500.00 (M) Z=     0.00 (M) AT  85  7 29  8
MAX CONC=0.151785E+03 X=   400.00 (M) Y=   500.00 (M) Z=     0.00 (M) AT  85  7 29  9
MAX CONC=0.250669E+03 X=   500.00 (M) Y=   400.00 (M) Z=     0.00 (M) AT  85  7 29 10
MAX CONC=-.100000E+01 X=  -500.00 (M) Y=  -500.00 (M) Z=     0.00 (M) AT  85  7 29 11
MAX CONC=0.218248E+02 X=   400.00 (M) Y=   500.00 (M) Z=     0.00 (M) AT  85  7 29 12
MAX CONC=0.464989E+01 X=   400.00 (M) Y=   500.00 (M) Z=     0.00 (M) AT  85  7 29 13
MAX CONC=0.334136E+01 X=   300.00 (M) Y=   500.00 (M) Z=     0.00 (M) AT  85  7 29 14
MAX CONC=0.199358E+01 X=   300.00 (M) Y=   500.00 (M) Z=     0.00 (M) AT  85  7 29 15
MAX CONC=0.192032E+01 X=   500.00 (M) Y=   200.00 (M) Z=     0.00 (M) AT  85  7 29 16
MAX CONC=0.330465E+01 X=   500.00 (M) Y=   200.00 (M) Z=     0.00 (M) AT  85  7 29 17
MAX CONC=0.358719E+01 X=   500.00 (M) Y=   200.00 (M) Z=     0.00 (M) AT  85  7 29 18
MAX CONC=0.467728E+01 X=   500.00 (M) Y=   400.00 (M) Z=     0.00 (M) AT  85  7 29 19
MAX CONC=0.383968E+01 X=   500.00 (M) Y=   400.00 (M) Z=     0.00 (M) AT  85  7 29 20
MAX CONC=0.302737E+01 X=   500.00 (M) Y=   300.00 (M) Z=     0.00 (M) AT  85  7 29 21
MAX CONC=0.369840E+01 X=   500.00 (M) Y=   300.00 (M) Z=     0.00 (M) AT  85  7 29 22
MAX CONC=0.646735E+01 X=  -200.00 (M) Y=  -500.00 (M) Z=     0.00 (M) AT  85  7 29 23
MAX CONC=0.137352E+02 X=  -200.00 (M) Y=  -500.00 (M) Z=     0.00 (M) AT  85  7 29 24
MAX CONC=0.310346E+02 X=  -300.00 (M) Y=  -500.00 (M) Z=     0.00 (M) AT  85  7 30  1
MAX CONC=0.354761E+02 X=  -300.00 (M) Y=  -500.00 (M) Z=     0.00 (M) AT  85  7 30  2
MAX CONC=0.246754E+02 X=  -200.00 (M) Y=  -500.00 (M) Z=     0.00 (M) AT  85  7 30  3
MAX CONC=0.202423E+02 X=  -300.00 (M) Y=  -500.00 (M) Z=     0.00 (M) AT  85  7 30  4
MAX CONC=0.242863E+02 X=  -300.00 (M) Y=  -500.00 (M) Z=     0.00 (M) AT  85  7 30  5
MAX CONC=0.156388E+03 X=  -300.00 (M) Y=  -500.00 (M) Z=     0.00 (M) AT  85  7 30  6
MAX CONC=0.153026E+03 X=  -300.00 (M) Y=  -500.00 (M) Z=     0.00 (M) AT  85  7 30  7
MAX CONC=0.232313E+03 X=  -200.00 (M) Y=  -500.00 (M) Z=     0.00 (M) AT  85  7 30  8
MAX CONC=0.213627E+03 X=  -100.00 (M) Y=  -500.00 (M) Z=     0.00 (M) AT  85  7 30  9
MAX CONC=0.405098E+02 X=   100.00 (M) Y=  -500.00 (M) Z=     0.00 (M) AT  85  7 30 10
MAX CONC=-.100000E+01 X=  -500.00 (M) Y=  -500.00 (M) Z=     0.00 (M) AT  85  7 30 11
MAX CONC=0.688968E+01 X=  -300.00 (M) Y=  -500.00 (M) Z=     0.00 (M) AT  85  7 30 12
MAX CONC=0.377430E+01 X=  -500.00 (M) Y=  -400.00 (M) Z=     0.00 (M) AT  85  7 30 13
MAX CONC=0.588077E+01 X=  -500.00 (M) Y=  -400.00 (M) Z=     0.00 (M) AT  85  7 30 14
MAX CONC=0.481601E+01 X=  -500.00 (M) Y=  -400.00 (M) Z=     0.00 (M) AT  85  7 30 15
MAX CONC=0.501088E+01 X=  -400.00 (M) Y=  -500.00 (M) Z=     0.00 (M) AT  85  7 30 16
MAX CONC=0.707936E+01 X=  -100.00 (M) Y=  -500.00 (M) Z=     0.00 (M) AT  85  7 30 17
MAX CONC=0.670692E+01 X=  -100.00 (M) Y=  -500.00 (M) Z=     0.00 (M) AT  85  7 30 18
MAX CONC=0.668884E+01 X=  -100.00 (M) Y=  -500.00 (M) Z=     0.00 (M) AT  85  7 30 19
MAX CONC=0.701890E+01 X=  -100.00 (M) Y=  -500.00 (M) Z=     0.00 (M) AT  85  7 30 20
MAX CONC=0.403383E+01 X=  -200.00 (M) Y=  -500.00 (M) Z=     0.00 (M) AT  85  7 30 21
MAX CONC=0.852521E+01 X=  -200.00 (M) Y=  -500.00 (M) Z=     0.00 (M) AT  85  7 30 22
MAX CONC=0.106180E+02 X=  -200.00 (M) Y=  -500.00 (M) Z=     0.00 (M) AT  85  7 30 23
MAX CONC=0.224412E+02 X=  -200.00 (M) Y=  -500.00 (M) Z=     0.00 (M) AT  85  7 30 24
MAX CONC=0.308498E+02 X=  -200.00 (M) Y=  -500.00 (M) Z=     0.00 (M) AT  85  7 31  1
MAX CONC=0.397120E+02 X=  -300.00 (M) Y=  -500.00 (M) Z=     0.00 (M) AT  85  7 31  2
MAX CONC=0.449885E+02 X=  -300.00 (M) Y=  -500.00 (M) Z=     0.00 (M) AT  85  7 31  3
MAX CONC=0.411666E+02 X=  -400.00 (M) Y=  -500.00 (M) Z=     0.00 (M) AT  85  7 31  4
MAX CONC=0.382583E+02 X=  -500.00 (M) Y=  -400.00 (M) Z=     0.00 (M) AT  85  7 31  5
MAX CONC=0.411666E+02 X=  -400.00 (M) Y=  -500.00 (M) Z=     0.00 (M) AT  85  7 31  6
MAX CONC=0.515250E+02 X=  -500.00 (M) Y=  -100.00 (M) Z=     0.00 (M) AT  85  7 31  7
MAX CONC=0.460966E+02 X=  -500.00 (M) Y=   100.00 (M) Z=     0.00 (M) AT  85  7 31  8
MAX CONC=0.404135E+02 X=  -500.00 (M) Y=   100.00 (M) Z=     0.00 (M) AT  85  7 31  9
MAX CONC=0.169924E+02 X=  -500.00 (M) Y=   100.00 (M) Z=     0.00 (M) AT  85  7 31 10
MAX CONC=-.100000E+01 X=  -500.00 (M) Y=  -500.00 (M) Z=     0.00 (M) AT  85  7 31 11
MAX CONC=0.384643E+02 X=  -500.00 (M) Y=  -200.00 (M) Z=     0.00 (M) AT  85  7 31 12
MAX CONC=0.153676E+02 X=  -500.00 (M) Y=  -400.00 (M) Z=     0.00 (M) AT  85  7 31 13
MAX CONC=0.927982E+01 X=  -500.00 (M) Y=  -500.00 (M) Z=     0.00 (M) AT  85  7 31 14
MAX CONC=0.656540E+01 X=  -300.00 (M) Y=  -500.00 (M) Z=     0.00 (M) AT  85  7 31 15
MAX CONC=0.669362E+01 X=  -200.00 (M) Y=  -500.00 (M) Z=     0.00 (M) AT  85  7 31 16
MAX CONC=0.691105E+01 X=  -200.00 (M) Y=  -500.00 (M) Z=     0.00 (M) AT  85  7 31 17
MAX CONC=0.125598E+02 X=  -400.00 (M) Y=  -500.00 (M) Z=     0.00 (M) AT  85  7 31 18
MAX CONC=0.144855E+02 X=  -300.00 (M) Y=  -500.00 (M) Z=     0.00 (M) AT  85  7 31 19
MAX CONC=0.143493E+02 X=  -300.00 (M) Y=  -500.00 (M) Z=     0.00 (M) AT  85  7 31 20
MAX CONC=-.100000E+01 X=  -500.00 (M) Y=  -500.00 (M) Z=     0.00 (M) AT  85  7 31 21
MAX CONC=-.100000E+01 X=  -500.00 (M) Y=  -500.00 (M) Z=     0.00 (M) AT  85  7 31 22
MAX CONC=-.100000E+01 X=  -500.00 (M) Y=  -500.00 (M) Z=     0.00 (M) AT  85  7 31 23
MAX CONC=-.100000E+01 X=  -500.00 (M) Y=  -500.00 (M) Z=     0.00 (M) AT  85  7 31 24
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B-4. Results from OME's Code for Elevated Release

						GMT yr	mh	dy	hr
MAX CONC=0.534190E+00	X= 5000.00 (M)	Y= -1000.00 (M)	Z= 0.00 (M) AT	85	2	1	1
MAX CONC=0.348755E-01	X= 4000.00 (M)	Y= -3000.00 (M)	Z= 0.00 (M) AT	85	2	1	2
MAX CONC=0.356501E-01	X= 4000.00 (M)	Y= -2000.00 (M)	Z= 0.00 (M) AT	85	2	1	3
MAX CONC=0.582210E-01	X= 5000.00 (M)	Y= -3000.00 (M)	Z= 0.00 (M) AT	85	2	1	4
MAX CONC=0.748515E-01	X= 5000.00 (M)	Y= -2000.00 (M)	Z= 0.00 (M) AT	85	2	1	5
MAX CONC=0.416420E-01	X= 4000.00 (M)	Y= -3000.00 (M)	Z= 0.00 (M) AT	85	2	1	6
MAX CONC=0.596185E+00	X= 5000.00 (M)	Y= -5000.00 (M)	Z= 0.00 (M) AT	85	2	1	7
MAX CONC=0.156389E+00	X= 3000.00 (M)	Y= -5000.00 (M)	Z= 0.00 (M) AT	85	2	1	8
MAX CONC=0.311434E+00	X= 3000.00 (M)	Y= -5000.00 (M)	Z= 0.00 (M) AT	85	2	1	9
MAX CONC=0.707152E+00	X= 4000.00 (M)	Y= -5000.00 (M)	Z= 0.00 (M) AT	85	2	1	10
MAX CONC=0.637838E-01	X= 3000.00 (M)	Y= -5000.00 (M)	Z= 0.00 (M) AT	85	2	1	11
MAX CONC=0.287556E-01	X= 3000.00 (M)	Y= -5000.00 (M)	Z= 0.00 (M) AT	85	2	1	12
MAX CONC=0.122366E+00	X= 5000.00 (M)	Y= -4000.00 (M)	Z= 0.00 (M) AT	85	2	1	13
MAX CONC=0.333647E+00	X= 5000.00 (M)	Y= -4000.00 (M)	Z= 0.00 (M) AT	85	2	1	14
MAX CONC=0.384907E-01	X= 5000.00 (M)	Y= -4000.00 (M)	Z= 0.00 (M) AT	85	2	1	15
MAX CONC=0.532067E-01	X= 5000.00 (M)	Y= -5000.00 (M)	Z= 0.00 (M) AT	85	2	1	16
MAX CONC=0.368986E+00	X= 5000.00 (M)	Y= -5000.00 (M)	Z= 0.00 (M) AT	85	2	1	17
MAX CONC=0.296993E-01	X= 4000.00 (M)	Y= -3000.00 (M)	Z= 0.00 (M) AT	85	2	1	18
MAX CONC=0.340808E-01	X= 5000.00 (M)	Y= -3000.00 (M)	Z= 0.00 (M) AT	85	2	1	19
MAX CONC=0.310116E-01	X= 4000.00 (M)	Y= -2000.00 (M)	Z= 0.00 (M) AT	85	2	1	20
MAX CONC=0.534139E-01	X= 5000.00 (M)	Y= -3000.00 (M)	Z= 0.00 (M) AT	85	2	1	21
MAX CONC=0.521485E-03	X= 2000.00 (M)	Y= -1000.00 (M)	Z= 0.00 (M) AT	85	2	1	22
MAX CONC=0.000000E+00	X= -5000.00 (M)	Y= -5000.00 (M)	Z= 0.00 (M) AT	85	2	1	23
MAX CONC=0.000000E+00	X= -5000.00 (M)	Y= -5000.00 (M)	Z= 0.00 (M) AT	85	2	1	24
MAX CONC=0.000000E+00	X= -5000.00 (M)	Y= -5000.00 (M)	Z= 0.00 (M) AT	85	2	2	1
MAX CONC=0.000000E+00	X= -5000.00 (M)	Y= -5000.00 (M)	Z= 0.00 (M) AT	85	2	2	2
MAX CONC=0.000000E+00	X= -5000.00 (M)	Y= -5000.00 (M)	Z= 0.00 (M) AT	85	2	2	3
MAX CONC=0.000000E+00	X= -5000.00 (M)	Y= -5000.00 (M)	Z= 0.00 (M) AT	85	2	2	4
MAX CONC=0.000000E+00	X= -5000.00 (M)	Y= -5000.00 (M)	Z= 0.00 (M) AT	85	2	2	5
MAX CONC=0.749633E-01	X= 5000.00 (M)	Y= -5000.00 (M)	Z= 0.00 (M) AT	85	2	2	6
MAX CONC=0.167655E+00	X= 4000.00 (M)	Y= -5000.00 (M)	Z= 0.00 (M) AT	85	2	2	7
MAX CONC=0.669500E-01	X= 2000.00 (M)	Y= -5000.00 (M)	Z= 0.00 (M) AT	85	2	2	8
MAX CONC=0.232331E+00	X= 1000.00 (M)	Y= -5000.00 (M)	Z= 0.00 (M) AT	85	2	2	9
MAX CONC=0.235768E+00	X= 1000.00 (M)	Y= -5000.00 (M)	Z= 0.00 (M) AT	85	2	2	10
MAX CONC=0.334939E+00	X= 2000.00 (M)	Y= -5000.00 (M)	Z= 0.00 (M) AT	85	2	2	11
MAX CONC=0.100816E+01	X= 2000.00 (M)	Y= -5000.00 (M)	Z= 0.00 (M) AT	85	2	2	12
MAX CONC=0.467261E+00	X= 1000.00 (M)	Y= -4000.00 (M)	Z= 0.00 (M) AT	85	2	2	13
MAX CONC=0.676466E+00	X= 1000.00 (M)	Y= -5000.00 (M)	Z= 0.00 (M) AT	85	2	2	14
MAX CONC=0.341794E+00	X= 1000.00 (M)	Y= -5000.00 (M)	Z= 0.00 (M) AT	85	2	2	15
MAX CONC=0.215169E+00	X= 1000.00 (M)	Y= -5000.00 (M)	Z= 0.00 (M) AT	85	2	2	16
MAX CONC=0.287755E-01	X= 2000.00 (M)	Y= -5000.00 (M)	Z= 0.00 (M) AT	85	2	2	17
MAX CONC=0.129152E+00	X= 4000.00 (M)	Y= -5000.00 (M)	Z= 0.00 (M) AT	85	2	2	18
MAX CONC=0.384223E+00	X= 5000.00 (M)	Y= -5000.00 (M)	Z= 0.00 (M) AT	85	2	2	19
MAX CONC=0.112915E+00	X= 4000.00 (M)	Y= -5000.00 (M)	Z= 0.00 (M) AT	85	2	2	20
MAX CONC=0.230053E+00	X= 5000.00 (M)	Y= -5000.00 (M)	Z= 0.00 (M) AT	85	2	2	21
MAX CONC=0.208834E+00	X= 5000.00 (M)	Y= -4000.00 (M)	Z= 0.00 (M) AT	85	2	2	22
MAX CONC=0.329409E+00	X= 5000.00 (M)	Y= -3000.00 (M)	Z= 0.00 (M) AT	85	2	2	23
MAX CONC=0.331632E+00	X= 5000.00 (M)	Y= -3000.00 (M)	Z= 0.00 (M) AT	85	2	2	24
MAX CONC=0.000000E+00	X= -5000.00 (M)	Y= -5000.00 (M)	Z= 0.00 (M) AT	85	2	3	1
MAX CONC=0.000000E+00	X= -5000.00 (M)	Y= -5000.00 (M)	Z= 0.00 (M) AT	85	2	3	2
MAX CONC=0.000000E+00	X= -5000.00 (M)	Y= -5000.00 (M)	Z= 0.00 (M) AT	85	2	3	3
MAX CONC=0.000000E+00	X= -5000.00 (M)	Y= -5000.00 (M)	Z= 0.00 (M) AT	85	2	3	4
MAX CONC=0.000000E+00	X= -5000.00 (M)	Y= -5000.00 (M)	Z= 0.00 (M) AT	85	2	3	5
MAX CONC=0.000000E+00	X= -5000.00 (M)	Y= -5000.00 (M)	Z= 0.00 (M) AT	85	2	3	6
MAX CONC=0.000000E+00	X= -5000.00 (M)	Y= -5000.00 (M)	Z= 0.00 (M) AT	85	2	3	7
MAX CONC=0.000000E+00	X= -5000.00 (M)	Y= -5000.00 (M)	Z= 0.00 (M) AT	85	2	3	8
MAX CONC=0.000000E+00	X= -5000.00 (M)	Y= -5000.00 (M)	Z= 0.00 (M) AT	85	2	3	9
MAX CONC=0.000000E+00	X= -5000.00 (M)	Y= -5000.00 (M)	Z= 0.00 (M) AT	85	2	3	10
MAX CONC=0.000000E+00	X= -5000.00 (M)	Y= -5000.00 (M)	Z= 0.00 (M) AT	85	2	3	11
MAX CONC=0.000000E+00	X= -5000.00 (M)	Y= -5000.00 (M)	Z= 0.00 (M) AT	85	2	3	12
MAX CONC=0.000000E+00	X= -5000.00 (M)	Y= -5000.00 (M)	Z= 0.00 (M) AT	85	2	3	13
MAX CONC=0.000000E+00	X= -5000.00 (M)	Y= -5000.00 (M)	Z= 0.00 (M) AT	85	2	3	14
MAX CONC=0.000000E+00	X= -5000.00 (M)	Y= -5000.00 (M)	Z= 0.00 (M) AT	85	2	3	15
MAX CONC=0.531665E-01	X= 4000.00 (M)	Y= 5000.00 (M)	Z= 0.00 (M) AT	85	2	3	16
MAX CONC=0.651080E-03	X= 4000.00 (M)	Y= 5000.00 (M)	Z= 0.00 (M) AT	85	2	3	17
MAX CONC=0.394630E-04	X= 1000.00 (M)	Y= 1000.00 (M)	Z= 0.00 (M) AT	85	2	3	18
MAX CONC=0.109564E-03	X= 3000.00 (M)	Y= 4000.00 (M)	Z= 0.00 (M) AT	85	2	3	19
MAX CONC=0.104426E-03	X= 3000.00 (M)	Y= 5000.00 (M)	Z= 0.00 (M) AT	85	2	3	20
MAX CONC=0.304587E-03	X= 3000.00 (M)	Y= 4000.00 (M)	Z= 0.00 (M) AT	85	2	3	21
MAX CONC=0.722418E-04	X= 2000.00 (M)	Y= 3000.00 (M)	Z= 0.00 (M) AT	85	2	3	22
MAX CONC=0.571313E-03	X= 3000.00 (M)	Y= 5000.00 (M)	Z= 0.00 (M) AT	85	2	3	23
MAX CONC=0.137184E-04	X= 2000.00 (M)	Y= 3000.00 (M)	Z= 0.00 (M) AT	85	2	3	24
MAX CONC=0.130718E-02	X= 4000.00 (M)	Y= 5000.00 (M)	Z= 0.00 (M) AT	85	2	4	1
MAX CONC=0.122002E-06	X= 2000.00 (M)	Y= 2000.00 (M)	Z= 0.00 (M) AT	85	2	4	2
MAX CONC=0.116501E-03	X= 5000.00 (M)	Y= 5000.00 (M)	Z= 0.00 (M) AT	85	2	4	3
MAX CONC=0.488663E-04	X= 5000.00 (M)	Y= 5000.00 (M)	Z= 0.00 (M) AT	85	2	4	4
MAX CONC=0.370948E-04	X= 5000.00 (M)	Y= 4000.00 (M)	Z= 0.00 (M) AT	85	2	4	5
MAX CONC=0.000000E+00	X= -5000.00 (M)	Y= -5000.00 (M)	Z= 0.00 (M) AT	85	2	4	6

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MAX CONC=0.000000E+00 X= -5000.00 (M) Y= -5000.00 (M) Z=     0.00 (M) AT  85  2  4  7
MAX CONC=0.000000E+00 X= -5000.00 (M) Y= -5000.00 (M) Z=     0.00 (M) AT  85  2  4  8
MAX CONC=0.000000E+00 X= -5000.00 (M) Y= -5000.00 (M) Z=     0.00 (M) AT  85  2  4  9
MAX CONC=0.000000E+00 X= -5000.00 (M) Y= -5000.00 (M) Z=     0.00 (M) AT  85  2  4 10
MAX CONC=0.000000E+00 X= -5000.00 (M) Y= -5000.00 (M) Z=     0.00 (M) AT  85  2  4 11
MAX CONC=0.000000E+00 X= -5000.00 (M) Y= -5000.00 (M) Z=     0.00 (M) AT  85  2  4 12
MAX CONC=0.000000E+00 X= -5000.00 (M) Y= -5000.00 (M) Z=     0.00 (M) AT  85  2  4 13
MAX CONC=0.000000E+00 X= -5000.00 (M) Y= -5000.00 (M) Z=     0.00 (M) AT  85  2  4 14
MAX CONC=0.000000E+00 X= -5000.00 (M) Y= -5000.00 (M) Z=     0.00 (M) AT  85  2  4 15
MAX CONC=0.000000E+00 X= -5000.00 (M) Y= -5000.00 (M) Z=     0.00 (M) AT  85  2  4 16
MAX CONC=0.000000E+00 X= -5000.00 (M) Y= -5000.00 (M) Z=     0.00 (M) AT  85  2  4 17
MAX CONC=0.000000E+00 X= -5000.00 (M) Y= -5000.00 (M) Z=     0.00 (M) AT  85  2  4 18
MAX CONC=0.000000E+00 X= -5000.00 (M) Y= -5000.00 (M) Z=     0.00 (M) AT  85  2  4 19
MAX CONC=0.000000E+00 X= -5000.00 (M) Y= -5000.00 (M) Z=     0.00 (M) AT  85  2  4 20
MAX CONC=0.000000E+00 X= -5000.00 (M) Y= -5000.00 (M) Z=     0.00 (M) AT  85  2  4 21
MAX CONC=0.000000E+00 X= -5000.00 (M) Y= -5000.00 (M) Z=     0.00 (M) AT  85  2  4 22
MAX CONC=0.732720E+00 X= -1000.00 (M) Y=  4000.00 (M) Z=     0.00 (M) AT  85  2  4 23
MAX CONC=0.149665E+00 X= -1000.00 (M) Y=  5000.00 (M) Z=     0.00 (M) AT  85  2  4 24
MAX CONC=0.000000E+00 X= -5000.00 (M) Y= -5000.00 (M) Z=     0.00 (M) AT  85  2  5  1
MAX CONC=0.762948E+00 X=  1000.00 (M) Y=  5000.00 (M) Z=     0.00 (M) AT  85  2  5  2
MAX CONC=0.316277E+00 X=     0.00 (M) Y=  3000.00 (M) Z=     0.00 (M) AT  85  2  5  3
MAX CONC=0.327728E+00 X=     0.00 (M) Y=  1000.00 (M) Z=     0.00 (M) AT  85  2  5  4
MAX CONC=0.128818E+01 X= -3000.00 (M) Y=  3000.00 (M) Z=     0.00 (M) AT  85  2  5  5
MAX CONC=0.564156E+00 X= -5000.00 (M) Y=  3000.00 (M) Z=     0.00 (M) AT  85  2  5  6
MAX CONC=0.110942E+01 X= -4000.00 (M) Y=  1000.00 (M) Z=     0.00 (M) AT  85  2  5  7
MAX CONC=0.100249E+01 X= -5000.00 (M) Y=     0.00 (M) Z=     0.00 (M) AT  85  2  5  8
MAX CONC=0.524429E-01 X= -5000.00 (M) Y=     0.00 (M) Z=     0.00 (M) AT  85  2  5  9
MAX CONC=0.107167E+00 X= -5000.00 (M) Y=     0.00 (M) Z=     0.00 (M) AT  85  2  5 10
MAX CONC=0.606851E+00 X= -5000.00 (M) Y=     0.00 (M) Z=     0.00 (M) AT  85  2  5 11
MAX CONC=0.307341E-01 X= -5000.00 (M) Y= -1000.00 (M) Z=     0.00 (M) AT  85  2  5 12
MAX CONC=0.502984E-01 X= -5000.00 (M) Y= -1000.00 (M) Z=     0.00 (M) AT  85  2  5 13
MAX CONC=0.233208E+00 X= -5000.00 (M) Y= -2000.00 (M) Z=     0.00 (M) AT  85  2  5 14
MAX CONC=0.281205E-01 X= -5000.00 (M) Y=     0.00 (M) Z=     0.00 (M) AT  85  2  5 15
MAX CONC=0.280953E-01 X= -5000.00 (M) Y= -1000.00 (M) Z=     0.00 (M) AT  85  2  5 16
MAX CONC=0.468847E-01 X= -5000.00 (M) Y= -1000.00 (M) Z=     0.00 (M) AT  85  2  5 17
MAX CONC=0.302718E-01 X= -4000.00 (M) Y= -1000.00 (M) Z=     0.00 (M) AT  85  2  5 18
MAX CONC=0.331728E-01 X= -5000.00 (M) Y= -2000.00 (M) Z=     0.00 (M) AT  85  2  5 19
MAX CONC=0.330051E-01 X= -5000.00 (M) Y= -2000.00 (M) Z=     0.00 (M) AT  85  2  5 20
MAX CONC=0.249465E-01 X= -5000.00 (M) Y= -2000.00 (M) Z=     0.00 (M) AT  85  2  5 21
MAX CONC=0.771714E-01 X= -5000.00 (M) Y= -3000.00 (M) Z=     0.00 (M) AT  85  2  5 22
MAX CONC=0.403498E+00 X= -5000.00 (M) Y= -4000.00 (M) Z=     0.00 (M) AT  85  2  5 23
MAX CONC=0.458360E+00 X= -5000.00 (M) Y= -4000.00 (M) Z=     0.00 (M) AT  85  2  5 24
MAX CONC=0.249313E+00 X= -5000.00 (M) Y= -4000.00 (M) Z=     0.00 (M) AT  85  2  6  1
MAX CONC=0.840379E+00 X= -5000.00 (M) Y= -5000.00 (M) Z=     0.00 (M) AT  85  2  6  2
MAX CONC=0.764341E+00 X= -5000.00 (M) Y= -5000.00 (M) Z=     0.00 (M) AT  85  2  6  3
MAX CONC=0.965595E+00 X= -2000.00 (M) Y= -2000.00 (M) Z=     0.00 (M) AT  85  2  6  4
MAX CONC=0.739121E+00 X= -1000.00 (M) Y= -2000.00 (M) Z=     0.00 (M) AT  85  2  6  5
MAX CONC=0.230175E+00 X=     0.00 (M) Y= -2000.00 (M) Z=     0.00 (M) AT  85  2  6  6
MAX CONC=0.000000E+00 X= -5000.00 (M) Y= -5000.00 (M) Z=     0.00 (M) AT  85  2  6  7
MAX CONC=0.644675E-03 X=     0.00 (M) Y= -1000.00 (M) Z=     0.00 (M) AT  85  2  6  8
MAX CONC=0.569930E-01 X= -1000.00 (M) Y= -1000.00 (M) Z=     0.00 (M) AT  85  2  6  9
MAX CONC=0.637396E+00 X= -1000.00 (M) Y= -1000.00 (M) Z=     0.00 (M) AT  85  2  6 10
MAX CONC=0.676137E+00 X= -1000.00 (M) Y= -1000.00 (M) Z=     0.00 (M) AT  85  2  6 11
MAX CONC=0.403691E+00 X= -1000.00 (M) Y= -1000.00 (M) Z=     0.00 (M) AT  85  2  6 12
MAX CONC=0.499664E+00 X= -1000.00 (M) Y= -1000.00 (M) Z=     0.00 (M) AT  85  2  6 13
MAX CONC=0.771465E+00 X= -1000.00 (M) Y= -1000.00 (M) Z=     0.00 (M) AT  85  2  6 14
MAX CONC=0.123801E+01 X= -3000.00 (M) Y= -2000.00 (M) Z=     0.00 (M) AT  85  2  6 15
MAX CONC=0.198805E+00 X= -1000.00 (M) Y=     0.00 (M) Z=     0.00 (M) AT  85  2  6 16
MAX CONC=0.000000E+00 X= -5000.00 (M) Y= -5000.00 (M) Z=     0.00 (M) AT  85  2  6 17
MAX CONC=0.000000E+00 X= -5000.00 (M) Y= -5000.00 (M) Z=     0.00 (M) AT  85  2  6 18
MAX CONC=0.000000E+00 X= -5000.00 (M) Y= -5000.00 (M) Z=     0.00 (M) AT  85  2  6 19
MAX CONC=0.740247E+00 X=  5000.00 (M) Y=     0.00 (M) Z=     0.00 (M) AT  85  2  6 20
MAX CONC=0.141759E+01 X=  3000.00 (M) Y= -1000.00 (M) Z=     0.00 (M) AT  85  2  6 21
MAX CONC=0.856763E+00 X=  2000.00 (M) Y= -1000.00 (M) Z=     0.00 (M) AT  85  2  6 22
MAX CONC=0.629330E+00 X=  5000.00 (M) Y= -3000.00 (M) Z=     0.00 (M) AT  85  2  6 23
MAX CONC=0.109750E+01 X=  4000.00 (M) Y= -2000.00 (M) Z=     0.00 (M) AT  85  2  6 24
MAX CONC=0.953849E+00 X=  4000.00 (M) Y= -2000.00 (M) Z=     0.00 (M) AT  85  2  7  1
MAX CONC=0.664071E+00 X=  5000.00 (M) Y= -2000.00 (M) Z=     0.00 (M) AT  85  2  7  2
MAX CONC=0.940695E+00 X=  5000.00 (M) Y= -3000.00 (M) Z=     0.00 (M) AT  85  2  7  3
MAX CONC=0.872498E+00 X=  5000.00 (M) Y= -4000.00 (M) Z=     0.00 (M) AT  85  2  7  4
MAX CONC=0.290098E+00 X=  5000.00 (M) Y= -4000.00 (M) Z=     0.00 (M) AT  85  2  7  5
MAX CONC=0.682468E+00 X=  3000.00 (M) Y= -3000.00 (M) Z=     0.00 (M) AT  85  2  7  6
MAX CONC=0.963938E+00 X=  5000.00 (M) Y= -1000.00 (M) Z=     0.00 (M) AT  85  2  7  7
MAX CONC=0.890031E+00 X=  5000.00 (M) Y=  1000.00 (M) Z=     0.00 (M) AT  85  2  7  8
MAX CONC=0.885620E+00 X=  5000.00 (M) Y=  2000.00 (M) Z=     0.00 (M) AT  85  2  7  9
MAX CONC=0.285933E+00 X=  5000.00 (M) Y=  3000.00 (M) Z=     0.00 (M) AT  85  2  7 10
MAX CONC=0.154304E+00 X=  5000.00 (M) Y=  3000.00 (M) Z=     0.00 (M) AT  85  2  7 11
MAX CONC=0.303039E-01 X=  4000.00 (M) Y=  1000.00 (M) Z=     0.00 (M) AT  85  2  7 12
MAX CONC=0.181062E+00 X=  5000.00 (M) Y=  2000.00 (M) Z=     0.00 (M) AT  85  2  7 13
MAX CONC=0.112379E+00 X=  5000.00 (M) Y=  2000.00 (M) Z=     0.00 (M) AT  85  2  7 14
MAX CONC=0.262932E-01 X=  5000.00 (M) Y=  1000.00 (M) Z=     0.00 (M) AT  85  2  7 15
MAX CONC=0.298662E+00 X=  5000.00 (M) Y= -2000.00 (M) Z=     0.00 (M) AT  85  2  7 16
MAX CONC=0.319263E-01 X=  5000.00 (M) Y= -3000.00 (M) Z=     0.00 (M) AT  85  2  7 17
MAX CONC=0.103942E-03 X=  1000.00 (M) Y= -3000.00 (M) Z=     0.00 (M) AT  85  2  7 18
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MAX CONC=0.403435E-04 X= -1000.00 (M) Y= -4000.00 (M) Z=    0.00 (M) AT 05  2  7 19
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MAX CONC=0.407191E+00 X=  3000.00 (M) Y= -5000.00 (M) Z=    0.00 (M) AT 05  2  7 21
MAX CONC=0.351404E+00 X=  3000.00 (M) Y= -5000.00 (M) Z=    0.00 (M) AT 05  2  7 22
MAX CONC=0.133891E-04 X=  2000.00 (M) Y= -3000.00 (M) Z=    0.00 (M) AT 05  2  7 23
MAX CONC=0.275724E-04 X=  1000.00 (M) Y= -1000.00 (M) Z=    0.00 (M) AT 05  2  7 24
MAX CONC=0.000000E+00 X= -5000.00 (M) Y= -5000.00 (M) Z=    0.00 (M) AT 05  2  8  1
MAX CONC=0.000000E+00 X= -5000.00 (M) Y= -5000.00 (M) Z=    0.00 (M) AT 05  2  8  2
MAX CONC=0.000000E+00 X= -5000.00 (M) Y= -5000.00 (M) Z=    0.00 (M) AT 05  2  8  3
MAX CONC=0.000000E+00 X= -5000.00 (M) Y= -5000.00 (M) Z=    0.00 (M) AT 05  2  8  4
MAX CONC=0.588445E-05 X=  4000.00 (M) Y= -3000.00 (M) Z=    0.00 (M) AT 05  2  8  5
MAX CONC=0.442741E-05 X=  5000.00 (M) Y= -4000.00 (M) Z=    0.00 (M) AT 05  2  8  6
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MAX CONC=0.173154E-04 X=  3000.00 (M) Y= -2000.00 (M) Z=    0.00 (M) AT 05  2  8  8
MAX CONC=0.353622E-04 X=  5000.00 (M) Y= -3000.00 (M) Z=    0.00 (M) AT 05  2  8  9
MAX CONC=0.709949E-05 X=  4000.00 (M) Y= -2000.00 (M) Z=    0.00 (M) AT 05  2  8 10
MAX CONC=0.443338E-04 X=  5000.00 (M) Y= -2000.00 (M) Z=    0.00 (M) AT 05  2  8 11
MAX CONC=0.138890E-04 X=  3000.00 (M) Y= -1000.00 (M) Z=    0.00 (M) AT 05  2  8 12
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MAX CONC=0.439983E+00 X=  5000.00 (M) Y= -3000.00 (M) Z=    0.00 (M) AT 05  2  8 15
MAX CONC=0.104380E+01 X=  5000.00 (M) Y= -3000.00 (M) Z=    0.00 (M) AT 05  2  8 16
MAX CONC=0.207868E+01 X=  5000.00 (M) Y= -3000.00 (M) Z=    0.00 (M) AT 05  2  8 17
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MAX CONC=0.154629E+01 X=  5000.00 (M) Y= -1000.00 (M) Z=    0.00 (M) AT 05  2  8 23
MAX CONC=0.528593E-04 X=  5000.00 (M) Y= -1000.00 (M) Z=    0.00 (M) AT 05  2  8 24
MAX CONC=0.206510E-04 X=  4000.00 (M) Y= -1000.00 (M) Z=    0.00 (M) AT 05  2  9  1
MAX CONC=0.975279E-05 X=  3000.00 (M) Y= -1000.00 (M) Z=    0.00 (M) AT 05  2  9  2
MAX CONC=0.164450E-03 X=  5000.00 (M) Y= -2000.00 (M) Z=    0.00 (M) AT 05  2  9  3
MAX CONC=0.833727E-05 X=  4000.00 (M) Y= -2000.00 (M) Z=    0.00 (M) AT 05  2  9  4
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MAX CONC=0.111335E-04 X=  4000.00 (M) Y= -3000.00 (M) Z=    0.00 (M) AT 05  2  9  7
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MAX CONC=0.883985E-05 X=  3000.00 (M) Y= -2000.00 (M) Z=    0.00 (M) AT 05  2  9 11
MAX CONC=0.151629E-02 X=  5000.00 (M) Y= -4000.00 (M) Z=    0.00 (M) AT 05  2  9 12
MAX CONC=0.218717E-03 X=  5000.00 (M) Y= -5000.00 (M) Z=    0.00 (M) AT 05  2  9 13
MAX CONC=0.821819E-05 X=  3000.00 (M) Y= -2000.00 (M) Z=    0.00 (M) AT 05  2  9 14
MAX CONC=0.126354E-03 X=  5000.00 (M) Y= -4000.00 (M) Z=    0.00 (M) AT 05  2  9 15
MAX CONC=0.748067E-04 X=  1000.00 (M) Y= -1000.00 (M) Z=    0.00 (M) AT 05  2  9 16
MAX CONC=0.367170E-05 X=  1000.00 (M) Y= -1000.00 (M) Z=    0.00 (M) AT 05  2  9 17
MAX CONC=0.180918E-03 X=  3000.00 (M) Y= -4000.00 (M) Z=    0.00 (M) AT 05  2  9 18
MAX CONC=0.663443E-04 X=  4000.00 (M) Y= -5000.00 (M) Z=    0.00 (M) AT 05  2  9 19
MAX CONC=0.481561E-04 X=  2000.00 (M) Y= -3000.00 (M) Z=    0.00 (M) AT 05  2  9 20
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MAX CONC=0.000000E+00 X= -5000.00 (M) Y= -5000.00 (M) Z=    0.00 (M) AT 05  2 10  1
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MAX CONC=0.596986E-01 X=  1000.00 (M) Y=  1000.00 (M) Z=    0.00 (M) AT 05  2 10  5
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MAX CONC=0.488018E+00 X=  2000.00 (M) Y=  2000.00 (M) Z=    0.00 (M) AT 05  2 10  7
MAX CONC=0.660867E+00 X=  1000.00 (M) Y=  1500.00 (M) Z=    0.00 (M) AT 05  2 10  8
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MAX CONC=0.000000E+00 X= -5000.00 (M) Y= -5000.00 (M) Z=    0.00 (M) AT 05  2 10 10
MAX CONC=0.000000E+00 X= -5000.00 (M) Y= -5000.00 (M) Z=    0.00 (M) AT 05  2 10 11
MAX CONC=0.000000E+00 X= -5000.00 (M) Y= -5000.00 (M) Z=    0.00 (M) AT 05  2 10 12
MAX CONC=0.117907E-09 X=  1000.00 (M) Y=     0.00 (M) Z=    0.00 (M) AT 05  2 10 13
MAX CONC=0.643701E+00 X=     0.00 (M) Y=  3000.00 (M) Z=    0.00 (M) AT 05  2 10 14
MAX CONC=0.926821E+00 X=     0.00 (M) Y=  3000.00 (M) Z=    0.00 (M) AT 05  2 10 15
MAX CONC=0.851080E+00 X= -1000.00 (M) Y=  3000.00 (M) Z=    0.00 (M) AT 05  2 10 16
MAX CONC=0.160836E+00 X= -3000.00 (M) Y=  5000.00 (M) Z=    0.00 (M) AT 05  2 10 17
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MAX CONC=0.591614E+00 X= -5000.00 (M) Y=  3000.00 (M) Z=    0.00 (M) AT 05  2 11  1
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MAX CONC=0.243987E+00 X= -5000.00 (M) Y=  1000.00 (M) Z=    0.00 (M) AT 05  2 11  4
MAX CONC=0.127721E+00 X= -5000.00 (M) Y=  1000.00 (M) Z=    0.00 (M) AT 05  2 11  5
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MAX CONC=0.977549E-01 X= -5000.00 (M) Y=     0.00 (M) Z=     0.00 (M) AT 05 2 11  9
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MAX CONC=0.820612E-01 X= -5000.00 (M) Y=  1000.00 (M) Z=     0.00 (M) AT 05 2 11 11
MAX CONC=0.948161E+00 X= -5000.00 (M) Y=  2000.00 (M) Z=     0.00 (M) AT 05 2 11 12
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MAX CONC=0.297522E+01 X= -5000.00 (M) Y=  3000.00 (M) Z=     0.00 (M) AT 05 2 11 15
MAX CONC=0.589188E+00 X= -5000.00 (M) Y=  3000.00 (M) Z=     0.00 (M) AT 05 2 11 16
MAX CONC=0.326508E+00 X= -5000.00 (M) Y=  3000.00 (M) Z=     0.00 (M) AT 05 2 11 17
MAX CONC=0.344590E+00 X= -5000.00 (M) Y=  5000.00 (M) Z=     0.00 (M) AT 05 2 11 18
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MAX CONC=0.579946E+00 X= -5000.00 (M) Y=  4000.00 (M) Z=     0.00 (M) AT 05 2 11 20
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MAX CONC=0.504192E-01 X= -5000.00 (M) Y=  1000.00 (M) Z=     0.00 (M) AT 05 2 12  4
MAX CONC=0.822390E-01 X= -5000.00 (M) Y=  1000.00 (M) Z=     0.00 (M) AT 05 2 12  5
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MAX CONC=0.122353E+01 X= -5000.00 (M) Y= -5000.00 (M) Z=     0.00 (M) AT 05 2 12 15
MAX CONC=0.184490E+00 X= -3000.00 (M) Y= -5000.00 (M) Z=     0.00 (M) AT 05 2 12 16
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MAX CONC=0.101210E+01 X= -2000.00 (M) Y= -5000.00 (M) Z=     0.00 (M) AT 05 2 12 21
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MAX CONC=0.144719E+00 X= -1000.00 (M) Y= -4000.00 (M) Z=     0.00 (M) AT 05 2 13  3
MAX CONC=0.147675E+00 X= -1000.00 (M) Y= -4000.00 (M) Z=     0.00 (M) AT 05 2 13  4
MAX CONC=0.135310E+00 X= -1000.00 (M) Y= -5000.00 (M) Z=     0.00 (M) AT 05 2 13  5
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MAX CONC=0.951956E-01 X=  1000.00 (M) Y= -5000.00 (M) Z=     0.00 (M) AT 05 2 13  7
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MAX CONC=0.686825E-01 X=  1000.00 (M) Y= -5000.00 (M) Z=     0.00 (M) AT 05 2 13  9
MAX CONC=0.578354E-01 X=  1000.00 (M) Y= -5000.00 (M) Z=     0.00 (M) AT 05 2 13 10
MAX CONC=0.893048E-01 X=  1000.00 (M) Y= -5000.00 (M) Z=     0.00 (M) AT 05 2 13 11
MAX CONC=0.120380E+00 X=     0.00 (M) Y= -5000.00 (M) Z=     0.00 (M) AT 05 2 13 12
MAX CONC=0.124564E+00 X=  1000.00 (M) Y= -5000.00 (M) Z=     0.00 (M) AT 05 2 13 13
MAX CONC=0.319244E+00 X=  2000.00 (M) Y= -5000.00 (M) Z=     0.00 (M) AT 05 2 13 14
MAX CONC=0.539736E+01 X=  5000.00 (M) Y= -5000.00 (M) Z=     0.00 (M) AT 05 2 13 15
MAX CONC=0.328021E-01 X=  4000.00 (M) Y=  1000.00 (M) Z=     0.00 (M) AT 05 2 13 23
MAX CONC=0.399671E-01 X=  5000.00 (M) Y=     0.00 (M) Z=     0.00 (M) AT 05 2 13 24
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MAX CONC=0.395926E-01 X=  5000.00 (M) Y=  1000.00 (M) Z=     0.00 (M) AT 05 2 14  3
MAX CONC=0.336105E+00 X=  5000.00 (M) Y=  1000.00 (M) Z=     0.00 (M) AT 05 2 14  4
MAX CONC=0.134272E+00 X=  5000.00 (M) Y=  1000.00 (M) Z=     0.00 (M) AT 05 2 14  5
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MAX CONC=0.787210E-01 X=  5000.00 (M) Y=  2000.00 (M) Z=     0.00 (M) AT 05 2 14  9
MAX CONC=0.491299E-01 X=  5000.00 (M) Y=  2000.00 (M) Z=     0.00 (M) AT 05 2 14 10
MAX CONC=0.125576E+00 X=  5000.00 (M) Y=  2000.00 (M) Z=     0.00 (M) AT 05 2 14 11
MAX CONC=0.678471E-01 X=  4000.00 (M) Y=  2000.00 (M) Z=     0.00 (M) AT 05 2 14 12
MAX CONC=0.619710E-01 X=  5000.00 (M) Y=  3000.00 (M) Z=     0.00 (M) AT 05 2 14 13
MAX CONC=0.732271E-01 X=  5000.00 (M) Y=  2000.00 (M) Z=     0.00 (M) AT 05 2 14 14
MAX CONC=0.122519E+00 X=  5000.00 (M) Y=  2000.00 (M) Z=     0.00 (M) AT 05 2 14 15
MAX CONC=0.142291E+00 X=  5000.00 (M) Y=  2000.00 (M) Z=     0.00 (M) AT 05 2 14 16
MAX CONC=0.116168E+00 X=  5000.00 (M) Y=  1000.00 (M) Z=     0.00 (M) AT 05 2 14 17
MAX CONC=0.562570E-01 X=  5000.00 (M) Y=  2000.00 (M) Z=     0.00 (M) AT 05 2 14 18
MAX CONC=0.129311E+00 X=  5000.00 (M) Y=  3000.00 (M) Z=     0.00 (M) AT 05 2 14 19
MAX CONC=0.178394E+00 X=  5000.00 (M) Y=  3000.00 (M) Z=     0.00 (M) AT 05 2 14 20
MAX CONC=0.295472E+00 X=  5000.00 (M) Y=  2000.00 (M) Z=     0.00 (M) AT 05 2 14 21
MAX CONC=0.105526E+00 X=  5000.00 (M) Y=  1000.00 (M) Z=     0.00 (M) AT 05 2 14 22
MAX CONC=0.609907E-01 X=  5000.00 (M) Y=  1000.00 (M) Z=     0.00 (M) AT 05 2 14 23
MAX CONC=0.967059E-01 X=  5000.00 (M) Y=  2000.00 (M) Z=     0.00 (M) AT 05 2 14 24
MAX CONC=0.588605E-01 X=  4000.00 (M) Y=  2000.00 (M) Z=     0.00 (M) AT 05 2 15  1
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PAR CON=0.4213046E-01 I= 5000.00 (N) J= 2000.00 (N) K=    0.00 (N) AT 05  2 19  2
PAR CON=0.1154066E+00 I= 5000.00 (N) J= 1000.00 (N) K=    0.00 (N) AT 05  2 19  3
PAR CON=0.5221258-05 I= 5000.00 (N) J=    0.00 (N) K=    0.00 (N) AT 05  2 19  4
PAR CON=0.9532958-01 I= 5000.00 (N) J=    0.00 (N) K=    0.00 (N) AT 05  2 19  5
PAR CON=0.5926428-01 I= 5000.00 (N) J= 1000.00 (N) K=    0.00 (N) AT 05  2 19  6
PAR CON=0.4764908-01 I= 5000.00 (N) J= 1000.00 (N) K=    0.00 (N) AT 05  2 19  7
PAR CON=0.4332758-01 I= 5000.00 (N) J=    0.00 (N) K=    0.00 (N) AT 05  2 19  8
PAR CON=0.2666518-01 I= 5000.00 (N) J=    0.00 (N) K=    0.00 (N) AT 05  2 19  9
PAR CON=0.5569788-01 I= 5000.00 (N) J=    0.00 (N) K=    0.00 (N) AT 05  2 19 10
PAR CON=0.5469908-01 I= 5000.00 (N) J=    0.00 (N) K=    0.00 (N) AT 05  2 19 11
PAR CON=0.3953368-01 I= 5000.00 (N) J=    0.00 (N) K=    0.00 (N) AT 05  2 19 12
PAR CON=0.3257078-01 I= 5000.00 (N) J=    0.00 (N) K=    0.00 (N) AT 05  2 19 13
PAR CON=0.0000000+00 I=-5000.00 (N) J=-5000.00 (N) K=    0.00 (N) AT 05  2 19 14
PAR CON=0.4310738-01 I= 5000.00 (N) J=    0.00 (N) K=    0.00 (N) AT 05  2 15 15
PAR CON=0.1950588-01 I= 5000.00 (N) J=-1000.00 (N) K=    0.00 (N) AT 05  2 15 16
PAR CON=0.1900398-01 I= 5000.00 (N) J= 1000.00 (N) K=    0.00 (N) AT 05  2 15 17
PAR CON=0.1119568+00 I= 5000.00 (N) J= 1000.00 (N) K=    0.00 (N) AT 05  2 15 18
PAR CON=0.8912588-01 I= 5000.00 (N) J= 2000.00 (N) K=    0.00 (N) AT 05  2 19 19
PAR CON=0.6080568-01 I= 5000.00 (N) J= 1000.00 (N) K=    0.00 (N) AT 05  2 15 20
PAR CON=0.3731808-01 I= 5000.00 (N) J= 1000.00 (N) K=    0.00 (N) AT 05  2 19 21
PAR CON=0.3015178-01 I= 4000.00 (N) J= 1000.00 (N) K=    0.00 (N) AT 05  2 15 22
PAR CON=0.3597688-01 I= 4000.00 (N) J= 1000.00 (N) K=    0.00 (N) AT 05  2 19 23
PAR CON=0.6003168+00 I= 5000.00 (N) J= 1000.00 (N) K=    0.00 (N) AT 05  2 15 24
PAR CON=0.9222948+00 I= 5000.00 (N) J= 4000.00 (N) K=    0.00 (N) AT 05  2 16  1
PAR CON=0.4445068-01 I= 3000.00 (N) J= 4000.00 (N) K=    0.00 (N) AT 05  2 16  2
PAR CON=0.0000000+00 I=-5000.00 (N) J=-5000.00 (N) K=    0.00 (N) AT 05  2 16  3
PAR CON=0.1212118-06 I= 2000.00 (N) J=    0.00 (N) K=    0.00 (N) AT 05  2 16  4
PAR CON=0.5317518-04 I= 1000.00 (N) J=    0.00 (N) K=    0.00 (N) AT 05  2 16  5
PAR CON=0.9366418-04 I= 4000.00 (N) J= 2000.00 (N) K=    0.00 (N) AT 05  2 16  6
PAR CON=0.2685458-04 I= 3000.00 (N) J= 2000.00 (N) K=    0.00 (N) AT 05  2 16  7
PAR CON=0.2430568-04 I= 2000.00 (N) J= 1000.00 (N) K=    0.00 (N) AT 05  2 16  8
PAR CON=0.0000000+00 I=-5000.00 (N) J=-5000.00 (N) K=    0.00 (N) AT 05  2 16  9
PAR CON=0.7602458-04 I= 1000.00 (N) J= 1000.00 (N) K=    0.00 (N) AT 05  2 16 10
PAR CON=0.6155228-01 I= 4000.00 (N) J= 5000.00 (N) K=    0.00 (N) AT 05  2 16 11
PAR CON=0.2445328+00 I= 4000.00 (N) J= 5000.00 (N) K=    0.00 (N) AT 05  2 16 12
PAR CON=0.1038828+00 I= 3000.00 (N) J= 5000.00 (N) K=    0.00 (N) AT 05  2 16 13
PAR CON=0.4042798+00 I= 2000.00 (N) J= 5000.00 (N) K=    0.00 (N) AT 05  2 16 14
PAR CON=0.2030778+00 I= 2000.00 (N) J= 5000.00 (N) K=    0.00 (N) AT 05  2 16 15
PAR CON=0.2315558+00 I= 1000.00 (N) J= 5000.00 (N) K=    0.00 (N) AT 05  2 16 16
PAR CON=0.1267578+01 I= 1000.00 (N) J= 5000.00 (N) K=    0.00 (N) AT 05  2 16 17
PAR CON=0.2379328+01 I= 1000.00 (N) J= 5000.00 (N) K=    0.00 (N) AT 05  2 16 18
PAR CON=0.3981108+01 I=    0.00 (N) J= 5000.00 (N) K=    0.00 (N) AT 05  2 16 19
PAR CON=0.6055158+01 I=    0.00 (N) J= 5000.00 (N) K=    0.00 (N) AT 05  2 16 20
PAR CON=0.6060828+01 I=    0.00 (N) J= 5000.00 (N) K=    0.00 (N) AT 05  2 16 21
PAR CON=0.5956368+01 I= 1000.00 (N) J= 5000.00 (N) K=    0.00 (N) AT 05  2 16 22
PAR CON=0.4712978+01 I= 1000.00 (N) J= 6000.00 (N) K=    0.00 (N) AT 05  2 16 23
PAR CON=0.3386568+01 I= 2000.00 (N) J= 5000.00 (N) K=    0.00 (N) AT 05  2 16 24
PAR CON=0.3309438+01 I= 2000.00 (N) J= 5000.00 (N) K=    0.00 (N) AT 05  2 17  1
PAR CON=0.6229978+01 I= 3000.00 (N) J= 5000.00 (N) K=    0.00 (N) AT 05  2 17  2
PAR CON=0.6779448+00 I= 3000.00 (N) J= 5000.00 (N) K=    0.00 (N) AT 05  2 17  3
PAR CON=0.1130658+01 I= 5000.00 (N) J= 2000.00 (N) K=    0.00 (N) AT 05  2 17  4
PAR CON=0.2832408+01 I= 5000.00 (N) J=    0.00 (N) K=    0.00 (N) AT 05  2 17  5
PAR CON=0.5776898+00 I= 5000.00 (N) J=    0.00 (N) K=    0.00 (N) AT 05  2 17  6
PAR CON=0.1179788+01 I= 5000.00 (N) J=    0.00 (N) K=    0.00 (N) AT 05  2 17  7
PAR CON=0.1345048+00 I= 5000.00 (N) J= 1000.00 (N) K=    0.00 (N) AT 05  2 17  8
PAR CON=0.5451458-01 I= 5000.00 (N) J= 3000.00 (N) K=    0.00 (N) AT 05  2 17  9
PAR CON=0.1264298+00 I= 4000.00 (N) J= 5000.00 (N) K=    0.00 (N) AT 05  2 17 10
PAR CON=0.1201978+01 I= 4000.00 (N) J= 5000.00 (N) K=    0.00 (N) AT 05  2 17 11
PAR CON=0.1900138+01 I= 5000.00 (N) J= 5000.00 (N) K=    0.00 (N) AT 05  2 17 12
PAR CON=0.1235418+01 I= 5000.00 (N) J= 4000.00 (N) K=    0.00 (N) AT 05  2 17 13
PAR CON=0.4782438-05 I= 3000.00 (N) J= 1000.00 (N) K=    0.00 (N) AT 05  2 17 14
PAR CON=0.3925918-05 I= 4000.00 (N) J= 1000.00 (N) K=    0.00 (N) AT 05  2 17 15
PAR CON=0.9309058-01 I= 5000.00 (N) J= 4000.00 (N) K=    0.00 (N) AT 05  2 17 16
PAR CON=0.1295748+01 I= 4000.00 (N) J= 5000.00 (N) K=    0.00 (N) AT 05  2 17 17
PAR CON=0.1616978+01 I= 5000.00 (N) J= 5000.00 (N) K=    0.00 (N) AT 05  2 17 18
PAR CON=0.3377688+01 I= 4000.00 (N) J= 2000.00 (N) K=    0.00 (N) AT 05  2 17 19
PAR CON=0.1102608+01 I= 5000.00 (N) J= 2000.00 (N) K=    0.00 (N) AT 05  2 17 20
PAR CON=0.2998708+01 I= 5000.00 (N) J= 1000.00 (N) K=    0.00 (N) AT 05  2 17 21
PAR CON=0.4213098+01 I= 5000.00 (N) J= 1000.00 (N) K=    0.00 (N) AT 05  2 17 22
PAR CON=0.3254928+01 I= 5000.00 (N) J= 1000.00 (N) K=    0.00 (N) AT 05  2 17 23
PAR CON=0.4622708-07 I= 5000.00 (N) J= 1000.00 (N) K=    0.00 (N) AT 05  2 17 24
PAR CON=0.1374718-06 I= 2000.00 (N) J=    0.00 (N) K=    0.00 (N) AT 05  2 18  1
PAR CON=0.1873128-05 I= 5000.00 (N) J=    0.00 (N) K=    0.00 (N) AT 05  2 18  2
PAR CON=0.0000000+00 I=-5000.00 (N) J=-5000.00 (N) K=    0.00 (N) AT 05  2 18  3
PAR CON=0.0000000+00 I=-5000.00 (N) J=-5000.00 (N) K=    0.00 (N) AT 05  2 18  4
PAR CON=0.0000000+00 I=-5000.00 (N) J=-5000.00 (N) K=    0.00 (N) AT 05  2 18  5
PAR CON=0.0000000+00 I=-5000.00 (N) J=-5000.00 (N) K=    0.00 (N) AT 05  2 18  6
PAR CON=0.0000000+00 I=-5000.00 (N) J=-5000.00 (N) K=    0.00 (N) AT 05  2 18  7
PAR CON=0.0000000+00 I=-5000.00 (N) J=-5000.00 (N) K=    0.00 (N) AT 05  2 18  8
PAR CON=0.2274878-05 I= 5000.00 (N) J= 3000.00 (N) K=    0.00 (N) AT 05  2 18  9
PAR CON=0.6589748-07 I= 2000.00 (N) J= 1000.00 (N) K=    0.00 (N) AT 05  2 18 10
PAR CON=0.0000000+00 I=-5000.00 (N) J=-5000.00 (N) K=    0.00 (N) AT 05  2 18 11
PAR CON=0.0000000+00 I=-5000.00 (N) J=-5000.00 (N) K=    0.00 (N) AT 05  2 18 12
PAR CON=0.9305268-01 I= 5000.00 (N) J= 5000.00 (N) K=    0.00 (N) AT 05  2 18 13
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PAIR CORR=0.3777798-01 R=  2000.00 (M)  S=  5000.00 (M)  R=    0.00 (M) AT  85  2 18 15
PAIR CORR=0.6833788-01 R=  1000.00 (M)  S=  5000.00 (M)  R=    0.00 (M) AT  85  2 18 16
PAIR CORR=0.5058368-01 R=  2000.00 (M)  S=  5000.00 (M)  R=    0.00 (M) AT  85  2 18 17
PAIR CORR=0.7267268-01 R=  2000.00 (M)  S=  5000.00 (M)  R=    0.00 (M) AT  85  2 18 18
PAIR CORR=0.6805978+00 R=  1000.00 (M)  S=  5000.00 (M)  R=    0.00 (M) AT  85  2 18 19
PAIR CORR=0.2033368+01 R=     0.00 (M)  S=  5000.00 (M)  R=    0.00 (M) AT  85  2 18 20
PAIR CORR=0.5072778+01 R=  1000.00 (M)  S=  5000.00 (M)  R=    0.00 (M) AT  85  2 18 21
PAIR CORR=0.9030888+01 R=  1000.00 (M)  S=  5000.00 (M)  R=    0.00 (M) AT  85  2 18 22
PAIR CORR=0.9921148+01 R=  2000.00 (M)  S=  5000.00 (M)  R=    0.00 (M) AT  85  2 18 23
PAIR CORR=0.1539638+02 R=  3000.00 (M)  S=  5000.00 (M)  R=    0.00 (M) AT  85  2 18 24
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PAIR CORR=0.1895168+02 R=  3000.00 (M)  S=  5000.00 (M)  R=    0.00 (M) AT  85  2 19  2
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PAIR CORR=0.2968888-06 R=  1000.00 (M)  S=     0.00 (M)  R=    0.00 (M) AT  85  2 19 19
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PAIR CORR=0.5533068-01 R=  3000.00 (M)  S=  5000.00 (M)  R=    0.00 (M) AT  85  2 20  9
PAIR CORR=0.5220068-01 R=  3000.00 (M)  S=  5000.00 (M)  R=    0.00 (M) AT  85  2 20 10
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PAIR CORR=0.1625918-05 R=     0.00 (M)  S=  3000.00 (M)  R=    0.00 (M) AT  85  2 21  4
PAIR CORR=0.1154778-13 R= -1000.00 (M)  S=  5000.00 (M)  R=    0.00 (M) AT  85  2 21  5
PAIR CORR=0.3729798-04 R= -1000.00 (M)  S=  3000.00 (M)  R=    0.00 (M) AT  85  2 21  6
PAIR CORR=0.1361508+00 R= -1000.00 (M)  S=  4000.00 (M)  R=    0.00 (M) AT  85  2 21  7
PAIR CORR=0.1701958+00 R=     0.00 (M)  S=  5000.00 (M)  R=    0.00 (M) AT  85  2 21  8
PAIR CORR=0.1057738+00 R=     0.00 (M)  S=  5000.00 (M)  R=    0.00 (M) AT  85  2 21  9
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PAIR CORR=0.5084078+01 R=  1000.00 (M)  S=  5000.00 (M)  R=    0.00 (M) AT  85  2 21 17
PAIR CORR=0.7293118+01 R=  2000.00 (M)  S=  5000.00 (M)  R=    0.00 (M) AT  85  2 21 18
PAIR CORR=0.5944838+01 R=  2000.00 (M)  S=  5000.00 (M)  R=    0.00 (M) AT  85  2 21 19
PAIR CORR=0.2523378+01 R=  2000.00 (M)  S=  5000.00 (M)  R=    0.00 (M) AT  85  2 21 20
PAIR CORR=0.4138518+01 R=  2000.00 (M)  S=  5000.00 (M)  R=    0.00 (M) AT  85  2 21 21
PAIR CORR=0.4108848+01 R=  2000.00 (M)  S=  5000.00 (M)  R=    0.00 (M) AT  85  2 21 22
PAIR CORR=0.6411278+01 R=  2000.00 (M)  S=  5000.00 (M)  R=    0.00 (M) AT  85  2 21 23
PAIR CORR=0.1039648+02 R=  2000.00 (M)  S=  5000.00 (M)  R=    0.00 (M) AT  85  2 21 24
PAIR CORR=0.3434138+01 R=  2000.00 (M)  S=  5000.00 (M)  R=    0.00 (M) AT  85  2 22  1
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MAX CONC=0.664820E+01 X= 2000.00 (M) Y= 5000.00 (M) Z=    0.00 (M) AT 85 2 22  2
MAX CONC=0.358930E+01 X= 1000.00 (M) Y= 5000.00 (M) Z=    0.00 (M) AT 85 2 22  3
MAX CONC=0.380317E+01 X= 1000.00 (M) Y= 5000.00 (M) Z=    0.00 (M) AT 85 2 22  4
MAX CONC=0.457066E+01 X= 2000.00 (M) Y= 5000.00 (M) Z=    0.00 (M) AT 85 2 22  5
MAX CONC=0.577756E+01 X= 3000.00 (M) Y= 5000.00 (M) Z=    0.00 (M) AT 85 2 22  6
MAX CONC=0.572902E+01 X= 3000.00 (M) Y= 5000.00 (M) Z=    0.00 (M) AT 85 2 22  7
MAX CONC=0.545001E+01 X= 4000.00 (M) Y= 5000.00 (M) Z=    0.00 (M) AT 85 2 22  8
MAX CONC=0.142410E+01 X= 4000.00 (M) Y= 5000.00 (M) Z=    0.00 (M) AT 85 2 22  9
MAX CONC=0.574839E+00 X= 5000.00 (M) Y= 5000.00 (M) Z=    0.00 (M) AT 85 2 22 10
MAX CONC=0.178446E+01 X= 5000.00 (M) Y= 5000.00 (M) Z=    0.00 (M) AT 85 2 22 11
MAX CONC=0.403673E+00 X= 5000.00 (M) Y= 5000.00 (M) Z=    0.00 (M) AT 85 2 22 12
MAX CONC=0.331691E+00 X= 5000.00 (M) Y= 5000.00 (M) Z=    0.00 (M) AT 85 2 22 13
MAX CONC=0.580110E+00 X= 3000.00 (M) Y= 5000.00 (M) Z=    0.00 (M) AT 85 2 22 14
MAX CONC=0.115165E+01 X= 4000.00 (M) Y= 5000.00 (M) Z=    0.00 (M) AT 85 2 22 15
MAX CONC=0.184146E+01 X= 3000.00 (M) Y= 5000.00 (M) Z=    0.00 (M) AT 85 2 22 16
MAX CONC=0.131477E+01 X= 3000.00 (M) Y= 5000.00 (M) Z=    0.00 (M) AT 85 2 22 17
MAX CONC=0.233490E+01 X= 3000.00 (M) Y= 5000.00 (M) Z=    0.00 (M) AT 85 2 22 18
MAX CONC=0.627165E+00 X= 3000.00 (M) Y= 5000.00 (M) Z=    0.00 (M) AT 85 2 22 19
MAX CONC=0.139529E+00 X= 4000.00 (M) Y= 5000.00 (M) Z=    0.00 (M) AT 85 2 22 20
MAX CONC=0.623988E+00 X= 4000.00 (M) Y= 5000.00 (M) Z=    0.00 (M) AT 85 2 22 21
MAX CONC=0.195269E+00 X= 4000.00 (M) Y= 5000.00 (M) Z=    0.00 (M) AT 85 2 22 22
MAX CONC=0.648654E-01 X= 4000.00 (M) Y= 5000.00 (M) Z=    0.00 (M) AT 85 2 22 23
MAX CONC=0.112437E+00 X= 3000.00 (M) Y= 5000.00 (M) Z=    0.00 (M) AT 85 2 22 24
MAX CONC=0.929740E-01 X= 3000.00 (M) Y= 5000.00 (M) Z=    0.00 (M) AT 85 2 23  1
MAX CONC=0.670177E-01 X= 3000.00 (M) Y= 5000.00 (M) Z=    0.00 (M) AT 85 2 23  2
MAX CONC=0.572839E-01 X= 2000.00 (M) Y= 4000.00 (M) Z=    0.00 (M) AT 85 2 23  3
MAX CONC=0.727728E-01 X= 2000.00 (M) Y= 4000.00 (M) Z=    0.00 (M) AT 85 2 23  4
MAX CONC=0.738044E-01 X= 3000.00 (M) Y= 5000.00 (M) Z=    0.00 (M) AT 85 2 23  5
MAX CONC=0.100542E+00 X= 2000.00 (M) Y= 5000.00 (M) Z=    0.00 (M) AT 85 2 23  6
MAX CONC=0.663895E-01 X= 2000.00 (M) Y= 5000.00 (M) Z=    0.00 (M) AT 85 2 23  7
MAX CONC=0.844514E-01 X= 2000.00 (M) Y= 5000.00 (M) Z=    0.00 (M) AT 85 2 23  8
MAX CONC=0.518486E-01 X= 1000.00 (M) Y= 4000.00 (M) Z=    0.00 (M) AT 85 2 23  9
MAX CONC=0.863072E-01 X= 1000.00 (M) Y= 4000.00 (M) Z=    0.00 (M) AT 85 2 23 10
MAX CONC=0.124018E+00 X= 1000.00 (M) Y= 5000.00 (M) Z=    0.00 (M) AT 85 2 23 11
MAX CONC=0.179774E+00 X= 1000.00 (M) Y= 5000.00 (M) Z=    0.00 (M) AT 85 2 23 12
MAX CONC=0.216165E+00 X= 1000.00 (M) Y= 5000.00 (M) Z=    0.00 (M) AT 85 2 23 13
MAX CONC=0.811132E+00 X= 2000.00 (M) Y= 5000.00 (M) Z=    0.00 (M) AT 85 2 23 14
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MAX CONC=0.176242E+01 X= 2000.00 (M) Y= 5000.00 (M) Z=    0.00 (M) AT 85 2 23 16
MAX CONC=0.146930E+01 X= 3000.00 (M) Y= 5000.00 (M) Z=    0.00 (M) AT 85 2 23 17
MAX CONC=0.139548E+01 X= 4000.00 (M) Y= 5000.00 (M) Z=    0.00 (M) AT 85 2 23 18
MAX CONC=0.695220E-01 X= 3000.00 (M) Y= 5000.00 (M) Z=    0.00 (M) AT 85 2 23 19
MAX CONC=0.846125E-01 X= 3000.00 (M) Y= 5000.00 (M) Z=    0.00 (M) AT 85 2 23 20
MAX CONC=0.798236E-01 X= 3000.00 (M) Y= 5000.00 (M) Z=    0.00 (M) AT 85 2 23 21
MAX CONC=0.678726E-01 X= 2000.00 (M) Y= 4000.00 (M) Z=    0.00 (M) AT 85 2 23 22
MAX CONC=0.193963E+00 X= 2000.00 (M) Y= 5000.00 (M) Z=    0.00 (M) AT 85 2 23 23
MAX CONC=0.107561E+00 X= 3000.00 (M) Y= 5000.00 (M) Z=    0.00 (M) AT 85 2 23 24
MAX CONC=0.788507E-01 X= 2000.00 (M) Y= 4000.00 (M) Z=    0.00 (M) AT 85 2 24  1
MAX CONC=0.845282E+00 X= 2000.00 (M) Y= 3000.00 (M) Z=    0.00 (M) AT 85 2 24  2
MAX CONC=0.688729E+00 X=    0.00 (M) Y= 2000.00 (M) Z=    0.00 (M) AT 85 2 24  3
MAX CONC=0.225180E+00 X=    0.00 (M) Y= 2000.00 (M) Z=    0.00 (M) AT 85 2 24  4
MAX CONC=0.106574E+00 X=-1000.00 (M) Y= 3000.00 (M) Z=    0.00 (M) AT 85 2 24  5
MAX CONC=0.126427E+00 X= 1000.00 (M) Y= 5000.00 (M) Z=    0.00 (M) AT 85 2 24  6
MAX CONC=0.245962E+00 X= 2000.00 (M) Y= 5000.00 (M) Z=    0.00 (M) AT 85 2 24  7
MAX CONC=0.130923E+01 X= 2000.00 (M) Y= 5000.00 (M) Z=    0.00 (M) AT 85 2 24  8
MAX CONC=0.100850E+01 X= 2000.00 (M) Y= 5000.00 (M) Z=    0.00 (M) AT 85 2 24  9
MAX CONC=0.109869E+01 X= 4000.00 (M) Y= 5000.00 (M) Z=    0.00 (M) AT 85 2 24 10
MAX CONC=0.132624E+01 X= 3000.00 (M) Y= 5000.00 (M) Z=    0.00 (M) AT 85 2 24 11
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MAX CONC=0.111932E+01 X= 5000.00 (M) Y= 5000.00 (M) Z=    0.00 (M) AT 85 2 24 13
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MAX CONC=0.277280E+00 X= 5000.00 (M) Y= 4000.00 (M) Z=    0.00 (M) AT 85 2 24 18
MAX CONC=0.504018E+00 X= 5000.00 (M) Y=-4000.00 (M) Z=    0.00 (M) AT 85 2 24 19
MAX CONC=0.541835E-01 X= 4000.00 (M) Y=-2000.00 (M) Z=    0.00 (M) AT 85 2 24 20
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MAX CONC=0.686314E-01 X= 5000.00 (M) Y=-2000.00 (M) Z=    0.00 (M) AT 85 2 24 23
MAX CONC=0.292964E+00 X= 5000.00 (M) Y=-2000.00 (M) Z=    0.00 (M) AT 85 2 24 24
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MAX CONC=0.180469E+00 X= 5000.00 (M) Y=-2000.00 (M) Z=    0.00 (M) AT 85 2 25  2
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MAX CONC=0.552670E-01 X= 5000.00 (M) Y=-1000.00 (M) Z=    0.00 (M) AT 85 2 25  7
MAX CONC=0.475969E-01 X= 5000.00 (M) Y=-1000.00 (M) Z=    0.00 (M) AT 85 2 25  8
MAX CONC=0.817343E-01 X= 5000.00 (M) Y=    0.00 (M) Z=    0.00 (M) AT 85 2 25  9
MAX CONC=0.423503E+00 X= 4000.00 (M) Y=    0.00 (M) Z=    0.00 (M) AT 85 2 25 10
MAX CONC=0.138704E+00 X= 2000.00 (M) Y=    0.00 (M) Z=    0.00 (M) AT 85 2 25 11
MAX CONC=0.543151E+00 X= 2000.00 (M) Y=    0.00 (M) Z=    0.00 (M) AT 85 2 25 12
MAX CONC=0.000000E+00 X=-5000.00 (M) Y=-5000.00 (M) Z=    0.00 (M) AT 85 2 25 13
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MAX CONC=0.000000E+00 X= -5000.00 (M) Y= -5000.00 (M) Z=    0.00 (M) AT  85  2 25 14
MAX CONC=0.000000E+00 X= -5000.00 (M) Y= -5000.00 (M) Z=    0.00 (M) AT  85  2 25 15
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MAX CONC=0.694396E-01 X=     0.00 (M) Y=  5000.00 (M) Z=    0.00 (M) AT  85  2 25 24
MAX CONC=0.290586E-01 X=  1000.00 (M) Y=  5000.00 (M) Z=    0.00 (M) AT  85  2 26  1
MAX CONC=0.561267E-01 X=  1000.00 (M) Y=  5000.00 (M) Z=    0.00 (M) AT  85  2 26  2
MAX CONC=0.347975E-01 X=     0.00 (M) Y=  5000.00 (M) Z=    0.00 (M) AT  85  2 26  3
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MAX CONC=0.656285E-01 X= -1000.00 (M) Y=  5000.00 (M) Z=    0.00 (M) AT  85  2 26  6
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MAX CONC=0.100659E+00 X=  1000.00 (M) Y=  5000.00 (M) Z=    0.00 (M) AT  85  2 26  8
MAX CONC=0.226086E+00 X=  2000.00 (M) Y=  5000.00 (M) Z=    0.00 (M) AT  85  2 26  9
MAX CONC=0.828687E+00 X=  3000.00 (M) Y=  5000.00 (M) Z=    0.00 (M) AT  85  2 26 10
MAX CONC=0.936659E+00 X=  4000.00 (M) Y=  5000.00 (M) Z=    0.00 (M) AT  85  2 26 11
MAX CONC=0.973479E+00 X=  4000.00 (M) Y=  4000.00 (M) Z=    0.00 (M) AT  85  2 26 12
MAX CONC=-.100000E+01 X= -5000.00 (M) Y= -5000.00 (M) Z=    0.00 (M) AT  85  2 26 13
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MAX CONC=0.744901E+01 X=  2000.00 (M) Y=  5000.00 (M) Z=    0.00 (M) AT  85  2 26 21
MAX CONC=0.179353E+01 X=  2000.00 (M) Y=  5000.00 (M) Z=    0.00 (M) AT  85  2 26 22
MAX CONC=0.846538E+00 X=  2000.00 (M) Y=  5000.00 (M) Z=    0.00 (M) AT  85  2 26 23
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MAX CONC=0.342455E+01 X=  4000.00 (M) Y= -2000.00 (M) Z=    0.00 (M) AT  85  2 27 11
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MAX CONC=0.106227E+01 X=  5000.00 (M) Y= -5000.00 (M) Z=    0.00 (M) AT  85  2 27 18
MAX CONC=0.129992E+01 X=  5000.00 (M) Y= -5000.00 (M) Z=    0.00 (M) AT  85  2 27 19
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MAX CONC=0.305978E-05 X=  1000.00 (M) Y= -2000.00 (M) Z=    0.00 (M) AT  85  2 27 21
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MAX CONC=0.000000E+00 X= -5000.00 (M) Y= -5000.00 (M) Z=    0.00 (M) AT  85  2 28  8
MAX CONC=0.000000E+00 X= -5000.00 (M) Y= -5000.00 (M) Z=    0.00 (M) AT  85  2 28  9
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MAX CONC=0.137174E+01 X=  3000.00 (M) Y=  5000.00 (M) Z=    0.00 (M) AT  85  2 28 13
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MAX CONC=0.112780E+02 X=  2000.00 (M) Y=  4000.00 (M) Z=    0.00 (M) AT  85  2 28 20
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MAX CONC=0.109659E+02 X=  3000.00 (M) Y=  5000.00 (M) Z=    0.00 (M) AT  85  2 28 24
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											GMT			
											yr	mo	dy	hr
MAX CONC=	0.000000E+00	lb=	-5000.00	(X)	Y=	-5000.00	(X)	lb=	0.00	(X) AZ	85	7	1	1
MAX CONC=	0.000000E+00	lb=	-5000.00	(X)	Y=	-5000.00	(X)	lb=	0.00	(X) AZ	85	7	1	2
MAX CONC=	0.000000E+00	lb=	-5000.00	(X)	Y=	-5000.00	(X)	lb=	0.00	(X) AZ	85	7	1	3
MAX CONC=	0.000000E+00	lb=	-5000.00	(X)	Y=	-5000.00	(X)	lb=	0.00	(X) AZ	85	7	1	4
MAX CONC=	0.000000E+00	lb=	-5000.00	(X)	Y=	-5000.00	(X)	lb=	0.00	(X) AZ	85	7	1	5
MAX CONC=	0.000000E+00	lb=	-5000.00	(X)	Y=	-5000.00	(X)	lb=	0.00	(X) AZ	85	7	1	6
MAX CONC=	0.000000E+00	lb=	-5000.00	(X)	Y=	-5000.00	(X)	lb=	0.00	(X) AZ	85	7	1	7
MAX CONC=	0.000000E+00	lb=	-5000.00	(X)	Y=	-5000.00	(X)	lb=	0.00	(X) AZ	85	7	1	8
MAX CONC=	0.000000E+00	lb=	-5000.00	(X)	Y=	-5000.00	(X)	lb=	0.00	(X) AZ	85	7	1	9
MAX CONC=	0.000000E+00	lb=	-5000.00	(X)	Y=	-5000.00	(X)	lb=	0.00	(X) AZ	85	7	1	10
MAX CONC=	-.100000E+01	lb=	-5000.00	(X)	Y=	-5000.00	(X)	lb=	0.00	(X) AZ	85	7	1	11
MAX CONC=	0.000000E+00	lb=	-5000.00	(X)	Y=	-5000.00	(X)	lb=	0.00	(X) AZ	85	7	1	12
MAX CONC=	0.749056E+01	lb=	-5000.00	(X)	Y=	-4000.00	(X)	lb=	0.00	(X) AZ	85	7	1	13
MAX CONC=	0.110153E+03	lb=	-5000.00	(X)	Y=	-5000.00	(X)	lb=	0.00	(X) AZ	85	7	1	14
MAX CONC=	0.612430E+02	lb=	-1000.00	(X)	Y=	-5000.00	(X)	lb=	0.00	(X) AZ	85	7	1	15
MAX CONC=	0.502030E+02	lb=	0.00	(X)	Y=	-2000.00	(X)	lb=	0.00	(X) AZ	85	7	1	16
MAX CONC=	0.983966E+02	lb=	-1000.00	(X)	Y=	-3000.00	(X)	lb=	0.00	(X) AZ	85	7	1	17
MAX CONC=	0.995718E+02	lb=	0.00	(X)	Y=	-2000.00	(X)	lb=	0.00	(X) AZ	85	7	1	18
MAX CONC=	0.963243E+02	lb=	-1000.00	(X)	Y=	-1000.00	(X)	lb=	0.00	(X) AZ	85	7	1	19
MAX CONC=	0.407809E+02	lb=	-2000.00	(X)	Y=	-1000.00	(X)	lb=	0.00	(X) AZ	85	7	1	20
MAX CONC=	0.365761E+02	lb=	-3000.00	(X)	Y=	1000.00	(X)	lb=	0.00	(X) AZ	85	7	1	21
MAX CONC=	0.323154E+02	lb=	-5000.00	(X)	Y=	2000.00	(X)	lb=	0.00	(X) AZ	85	7	1	22
MAX CONC=	0.329547E+02	lb=	-3000.00	(X)	Y=	5000.00	(X)	lb=	0.00	(X) AZ	85	7	1	23
MAX CONC=	0.143961E+02	lb=	-1000.00	(X)	Y=	5000.00	(X)	lb=	0.00	(X) AZ	85	7	1	24
MAX CONC=	0.110087E+01	lb=	2000.00	(X)	Y=	5000.00	(X)	lb=	0.00	(X) AZ	85	7	2	1
MAX CONC=	0.143982E+01	lb=	2000.00	(X)	Y=	4000.00	(X)	lb=	0.00	(X) AZ	85	7	2	2
MAX CONC=	0.119634E+01	lb=	1000.00	(X)	Y=	2000.00	(X)	lb=	0.00	(X) AZ	85	7	2	3
MAX CONC=	0.128732E+01	lb=	1000.00	(X)	Y=	5000.00	(X)	lb=	0.00	(X) AZ	85	7	2	4
MAX CONC=	0.429007E+00	lb=	0.00	(X)	Y=	5000.00	(X)	lb=	0.00	(X) AZ	85	7	2	5
MAX CONC=	0.000000E+00	lb=	-5000.00	(X)	Y=	-5000.00	(X)	lb=	0.00	(X) AZ	85	7	2	6
MAX CONC=	0.249869E+00	lb=	1000.00	(X)	Y=	1000.00	(X)	lb=	0.00	(X) AZ	85	7	2	7
MAX CONC=	0.145459E+00	lb=	1000.00	(X)	Y=	1000.00	(X)	lb=	0.00	(X) AZ	85	7	2	8
MAX CONC=	0.705445E-01	lb=	1000.00	(X)	Y=	0.00	(X)	lb=	0.00	(X) AZ	85	7	2	9
MAX CONC=	0.206695E-01	lb=	1000.00	(X)	Y=	0.00	(X)	lb=	0.00	(X) AZ	85	7	2	10
MAX CONC=	-.100000E+01	lb=	-5000.00	(X)	Y=	-5000.00	(X)	lb=	0.00	(X) AZ	85	7	2	11
MAX CONC=	0.000000E+00	lb=	-5000.00	(X)	Y=	-5000.00	(X)	lb=	0.00	(X) AZ	85	7	2	12
MAX CONC=	0.000000E+00	lb=	-5000.00	(X)	Y=	-5000.00	(X)	lb=	0.00	(X) AZ	85	7	2	13
MAX CONC=	0.726513E+02	lb=	-1000.00	(X)	Y=	5000.00	(X)	lb=	0.00	(X) AZ	85	7	2	14
MAX CONC=	0.624167E+02	lb=	0.00	(X)	Y=	5000.00	(X)	lb=	0.00	(X) AZ	85	7	2	15
MAX CONC=	0.956160E+02	lb=	0.00	(X)	Y=	4000.00	(X)	lb=	0.00	(X) AZ	85	7	2	16
MAX CONC=	0.611954E+02	lb=	1000.00	(X)	Y=	3000.00	(X)	lb=	0.00	(X) AZ	85	7	2	17
MAX CONC=	0.669079E+02	lb=	2000.00	(X)	Y=	2000.00	(X)	lb=	0.00	(X) AZ	85	7	2	18
MAX CONC=	0.509475E+02	lb=	2000.00	(X)	Y=	-1000.00	(X)	lb=	0.00	(X) AZ	85	7	2	19
MAX CONC=	0.472095E+02	lb=	2000.00	(X)	Y=	1000.00	(X)	lb=	0.00	(X) AZ	85	7	2	20
MAX CONC=	0.453308E+02	lb=	1000.00	(X)	Y=	2000.00	(X)	lb=	0.00	(X) AZ	85	7	2	21
MAX CONC=	0.589593E-01	lb=	3000.00	(X)	Y=	5000.00	(X)	lb=	0.00	(X) AZ	85	7	2	22
MAX CONC=	0.122991E+00	lb=	2000.00	(X)	Y=	5000.00	(X)	lb=	0.00	(X) AZ	85	7	2	23
MAX CONC=	0.110777E+01	lb=	5000.00	(X)	Y=	1000.00	(X)	lb=	0.00	(X) AZ	85	7	2	24
MAX CONC=	0.867046E+00	lb=	1000.00	(X)	Y=	0.00	(X)	lb=	0.00	(X) AZ	85	7	3	1
MAX CONC=	0.000000E+00	lb=	-5000.00	(X)	Y=	-5000.00	(X)	lb=	0.00	(X) AZ	85	7	3	2
MAX CONC=	0.161701E+01	lb=	0.00	(X)	Y=	3000.00	(X)	lb=	0.00	(X) AZ	85	7	3	3
MAX CONC=	0.595239E-02	lb=	1000.00	(X)	Y=	1000.00	(X)	lb=	0.00	(X) AZ	85	7	3	4
MAX CONC=	0.000000E+00	lb=	-5000.00	(X)	Y=	-5000.00	(X)	lb=	0.00	(X) AZ	85	7	3	5
MAX CONC=	0.000000E+00	lb=	-5000.00	(X)	Y=	-5000.00	(X)	lb=	0.00	(X) AZ	85	7	3	6
MAX CONC=	0.000000E+00	lb=	-5000.00	(X)	Y=	-5000.00	(X)	lb=	0.00	(X) AZ	85	7	3	7
MAX CONC=	0.000000E+00	lb=	-5000.00	(X)	Y=	-5000.00	(X)	lb=	0.00	(X) AZ	85	7	3	8
MAX CONC=	0.000000E+00	lb=	-5000.00	(X)	Y=	-5000.00	(X)	lb=	0.00	(X) AZ	85	7	3	9
MAX CONC=	0.000000E+00	lb=	-5000.00	(X)	Y=	-5000.00	(X)	lb=	0.00	(X) AZ	85	7	3	10
MAX CONC=	-.100000E+01	lb=	-5000.00	(X)	Y=	-5000.00	(X)	lb=	0.00	(X) AZ	85	7	3	11
MAX CONC=	0.000000E+00	lb=	-5000.00	(X)	Y=	-5000.00	(X)	lb=	0.00	(X) AZ	85	7	3	12
MAX CONC=	0.000000E+00	lb=	-5000.00	(X)	Y=	-5000.00	(X)	lb=	0.00	(X) AZ	85	7	3	13
MAX CONC=	0.906143E+02	lb=	0.00	(X)	Y=	-1000.00	(X)	lb=	0.00	(X) AZ	85	7	3	14
MAX CONC=	0.903867E+02	lb=	1000.00	(X)	Y=	-1000.00	(X)	lb=	0.00	(X) AZ	85	7	3	15
MAX CONC=	0.880781E+02	lb=	1000.00	(X)	Y=	-1000.00	(X)	lb=	0.00	(X) AZ	85	7	3	16
MAX CONC=	0.716131E+02	lb=	1000.00	(X)	Y=	-1000.00	(X)	lb=	0.00	(X) AZ	85	7	3	17
MAX CONC=	0.960108E+03	lb=	0.00	(X)	Y=	-1000.00	(X)	lb=	0.00	(X) AZ	85	7	3	18
MAX CONC=	0.884571E+02	lb=	1000.00	(X)	Y=	0.00	(X)	lb=	0.00	(X) AZ	85	7	3	19
MAX CONC=	0.913482E+02	lb=	1000.00	(X)	Y=	0.00	(X)	lb=	0.00	(X) AZ	85	7	3	20
MAX CONC=	0.750201E+02	lb=	1000.00	(X)	Y=	0.00	(X)	lb=	0.00	(X) AZ	85	7	3	21
MAX CONC=	0.661350E+02	lb=	1000.00	(X)	Y=	0.00	(X)	lb=	0.00	(X) AZ	85	7	3	22
MAX CONC=	0.517685E+02	lb=	2000.00	(X)	Y=	1000.00	(X)	lb=	0.00	(X) AZ	85	7	3	23
MAX CONC=	0.329693E+02	lb=	2000.00	(X)	Y=	2000.00	(X)	lb=	0.00	(X) AZ	85	7	3	24
MAX CONC=	0.000000E+00	lb=	-5000.00	(X)	Y=	-5000.00	(X)	lb=	0.00	(X) AZ	85	7	4	1
MAX CONC=	0.000000E+00	lb=	-5000.00	(X)	Y=	-5000.00	(X)	lb=	0.00	(X) AZ	85	7	4	2
MAX CONC=	0.000000E+00	lb=	-5000.00	(X)	Y=	-5000.00	(X)	lb=	0.00	(X) AZ	85	7	4	3
MAX CONC=	0.000000E+00	lb=	-5000.00	(X)	Y=	-5000.00	(X)	lb=	0.00	(X) AZ	85	7	4	4
MAX CONC=	0.000000E+00	lb=	-5000.00	(X)	Y=	-5000.00	(X)	lb=	0.00	(X) AZ	85	7	4	5
MAX CONC=	0.000000E+00	lb=	-5000.00	(X)	Y=	-5000.00	(X)	lb=	0.00	(X) AZ	85	7	4	6
MAX CONC=	0.000000E+00	lb=	-5000.00	(X)	Y=	-5000.00	(X)	lb=	0.00	(X) AZ	85	7	4	7
MAX CONC=	0.000000E+00	lb=	-5000.00	(X)	Y=	-5000.00	(X)	lb=	0.00	(X) AZ	85	7	4	8
MAX CONC=	0.000000E+00	lb=	-5000.00	(X)	Y=	-5000.00	(X)	lb=	0.00	(X) AZ	85	7	4	9

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MAX CONC=0.000000E+00 X= -5000.00 (M) Y= -5000.00 (M) Z=     0.00 (M) AT 85 7 4 10
MAX CONC=-.100000E+01 X= -5000.00 (M) Y= -5000.00 (M) Z=     0.00 (M) AT 85 7 4 11
MAX CONC=0.518616E+00 X=  2000.00 (M) Y=  5000.00 (M) Z=     0.00 (M) AT 85 7 4 12
MAX CONC=0.184148E+01 X=  1000.00 (M) Y=  3000.00 (M) Z=     0.00 (M) AT 85 7 4 13
MAX CONC=0.000000E+00 X= -5000.00 (M) Y= -5000.00 (M) Z=     0.00 (M) AT 85 7 4 14
MAX CONC=0.496327E+02 X=     0.00 (M) Y=  5000.00 (M) Z=     0.00 (M) AT 85 7 4 15
MAX CONC=0.501851E+02 X=     0.00 (M) Y=  3000.00 (M) Z=     0.00 (M) AT 85 7 4 16
MAX CONC=0.398696E+02 X=  1000.00 (M) Y=  4000.00 (M) Z=     0.00 (M) AT 85 7 4 17
MAX CONC=0.477426E+02 X=  1000.00 (M) Y=  4000.00 (M) Z=     0.00 (M) AT 85 7 4 18
MAX CONC=0.468601E+02 X=  1000.00 (M) Y=  4000.00 (M) Z=     0.00 (M) AT 85 7 4 19
MAX CONC=0.522405E+02 X=  1000.00 (M) Y=  2000.00 (M) Z=     0.00 (M) AT 85 7 4 20
MAX CONC=0.331121E+02 X=  1000.00 (M) Y=  5000.00 (M) Z=     0.00 (M) AT 85 7 4 21
MAX CONC=0.285068E+02 X=  1000.00 (M) Y=  5000.00 (M) Z=     0.00 (M) AT 85 7 4 22
MAX CONC=0.280501E+01 X=     0.00 (M) Y=  5000.00 (M) Z=     0.00 (M) AT 85 7 4 23
MAX CONC=0.312756E+01 X=     0.00 (M) Y=  5000.00 (M) Z=     0.00 (M) AT 85 7 4 24
MAX CONC=0.101702E-01 X=     0.00 (M) Y=  5000.00 (M) Z=     0.00 (M) AT 85 7 5 1
MAX CONC=0.391076E-05 X=     0.00 (M) Y=  5000.00 (M) Z=     0.00 (M) AT 85 7 5 2
MAX CONC=0.233736E-06 X=     0.00 (M) Y=  5000.00 (M) Z=     0.00 (M) AT 85 7 5 3
MAX CONC=0.219908E-08 X=     0.00 (M) Y=  1000.00 (M) Z=     0.00 (M) AT 85 7 5 4
MAX CONC=0.475611E-05 X=  1000.00 (M) Y=  5000.00 (M) Z=     0.00 (M) AT 85 7 5 5
MAX CONC=0.133891E+01 X=  2000.00 (M) Y=  5000.00 (M) Z=     0.00 (M) AT 85 7 5 6
MAX CONC=0.138194E+01 X=  1000.00 (M) Y=  5000.00 (M) Z=     0.00 (M) AT 85 7 5 7
MAX CONC=0.104049E+01 X=  1000.00 (M) Y=  5000.00 (M) Z=     0.00 (M) AT 85 7 5 8
MAX CONC=0.164583E+01 X=  1000.00 (M) Y=  5000.00 (M) Z=     0.00 (M) AT 85 7 5 9
MAX CONC=0.130879E+00 X=  5000.00 (M) Y=     0.00 (M) Z=     0.00 (M) AT 85 7 5 10
MAX CONC=-.100000E+01 X= -5000.00 (M) Y= -5000.00 (M) Z=     0.00 (M) AT 85 7 5 11
MAX CONC=0.000000E+00 X= -5000.00 (M) Y= -5000.00 (M) Z=     0.00 (M) AT 85 7 5 12
MAX CONC=0.453938E+02 X= -3000.00 (M) Y=  5000.00 (M) Z=     0.00 (M) AT 85 7 5 13
MAX CONC=0.168171E+00 X= -3000.00 (M) Y=  5000.00 (M) Z=     0.00 (M) AT 85 7 5 14
MAX CONC=0.161701E+01 X= -2000.00 (M) Y=  5000.00 (M) Z=     0.00 (M) AT 85 7 5 15
MAX CONC=0.274513E+01 X=     0.00 (M) Y=  5000.00 (M) Z=     0.00 (M) AT 85 7 5 16
MAX CONC=0.376820E+01 X=  1000.00 (M) Y=  5000.00 (M) Z=     0.00 (M) AT 85 7 5 17
MAX CONC=0.124933E+02 X=  1000.00 (M) Y=  5000.00 (M) Z=     0.00 (M) AT 85 7 5 18
MAX CONC=0.129181E+02 X=  1000.00 (M) Y=  5000.00 (M) Z=     0.00 (M) AT 85 7 5 19
MAX CONC=0.154885E+02 X=  1000.00 (M) Y=  5000.00 (M) Z=     0.00 (M) AT 85 7 5 20
MAX CONC=0.629717E+01 X=  1000.00 (M) Y=  5000.00 (M) Z=     0.00 (M) AT 85 7 5 21
MAX CONC=0.204265E+01 X=  2000.00 (M) Y=  5000.00 (M) Z=     0.00 (M) AT 85 7 5 22
MAX CONC=0.363505E-01 X=  1000.00 (M) Y=  5000.00 (M) Z=     0.00 (M) AT 85 7 5 23
MAX CONC=0.844894E-01 X=     0.00 (M) Y=  5000.00 (M) Z=     0.00 (M) AT 85 7 5 24
MAX CONC=0.711048E-01 X= -1000.00 (M) Y=  5000.00 (M) Z=     0.00 (M) AT 85 7 6 1
MAX CONC=0.274412E+00 X=     0.00 (M) Y=  2000.00 (M) Z=     0.00 (M) AT 85 7 6 2
MAX CONC=0.367980E-01 X= -1000.00 (M) Y=  4000.00 (M) Z=     0.00 (M) AT 85 7 6 3
MAX CONC=0.900189E+00 X= -1000.00 (M) Y=  5000.00 (M) Z=     0.00 (M) AT 85 7 6 4
MAX CONC=0.457798E-01 X=  2000.00 (M) Y=  5000.00 (M) Z=     0.00 (M) AT 85 7 6 5
MAX CONC=0.215864E-04 X=  2000.00 (M) Y=  4000.00 (M) Z=     0.00 (M) AT 85 7 6 6
MAX CONC=0.120517E+01 X=  3000.00 (M) Y=  4000.00 (M) Z=     0.00 (M) AT 85 7 6 7
MAX CONC=0.000000E+00 X= -5000.00 (M) Y= -5000.00 (M) Z=     0.00 (M) AT 85 7 6 8
MAX CONC=0.129204E+01 X=  3000.00 (M) Y=  3000.00 (M) Z=     0.00 (M) AT 85 7 6 9
MAX CONC=0.701045E+00 X=  3000.00 (M) Y=  2000.00 (M) Z=     0.00 (M) AT 85 7 6 10
MAX CONC=-.100000E+01 X= -5000.00 (M) Y= -5000.00 (M) Z=     0.00 (M) AT 85 7 6 11
MAX CONC=0.186147E+02 X=  5000.00 (M) Y=  3000.00 (M) Z=     0.00 (M) AT 85 7 6 12
MAX CONC=0.467819E+02 X=  4000.00 (M) Y=  1000.00 (M) Z=     0.00 (M) AT 85 7 6 13
MAX CONC=0.636762E+02 X=  5000.00 (M) Y=  1000.00 (M) Z=     0.00 (M) AT 85 7 6 14
MAX CONC=0.627145E+02 X=  4000.00 (M) Y= -1000.00 (M) Z=     0.00 (M) AT 85 7 6 15
MAX CONC=0.458549E+02 X=  3000.00 (M) Y=     0.00 (M) Z=     0.00 (M) AT 85 7 6 16
MAX CONC=0.643467E+02 X=  2000.00 (M) Y=     0.00 (M) Z=     0.00 (M) AT 85 7 6 17
MAX CONC=0.633308E+02 X=  2000.00 (M) Y=     0.00 (M) Z=     0.00 (M) AT 85 7 6 18
MAX CONC=0.580141E+02 X=  2000.00 (M) Y=     0.00 (M) Z=     0.00 (M) AT 85 7 6 19
MAX CONC=0.357860E+02 X=  3000.00 (M) Y=     0.00 (M) Z=     0.00 (M) AT 85 7 6 20
MAX CONC=0.563280E+02 X=  2000.00 (M) Y=     0.00 (M) Z=     0.00 (M) AT 85 7 6 21
MAX CONC=0.353511E+02 X=  2000.00 (M) Y=     0.00 (M) Z=     0.00 (M) AT 85 7 6 22
MAX CONC=0.312864E+01 X=  5000.00 (M) Y= -1000.00 (M) Z=     0.00 (M) AT 85 7 6 23
MAX CONC=0.740255E+00 X=  5000.00 (M) Y= -2000.00 (M) Z=     0.00 (M) AT 85 7 6 24
MAX CONC=0.206653E-04 X=  4000.00 (M) Y= -3000.00 (M) Z=     0.00 (M) AT 85 7 7 1
MAX CONC=0.000000E+00 X= -5000.00 (M) Y= -5000.00 (M) Z=     0.00 (M) AT 85 7 7 2
MAX CONC=0.000000E+00 X= -5000.00 (M) Y= -5000.00 (M) Z=     0.00 (M) AT 85 7 7 3
MAX CONC=0.000000E+00 X= -5000.00 (M) Y= -5000.00 (M) Z=     0.00 (M) AT 85 7 7 4
MAX CONC=0.000000E+00 X= -5000.00 (M) Y= -5000.00 (M) Z=     0.00 (M) AT 85 7 7 5
MAX CONC=0.000000E+00 X= -5000.00 (M) Y= -5000.00 (M) Z=     0.00 (M) AT 85 7 7 6
MAX CONC=0.874695E-04 X=  5000.00 (M) Y= -4000.00 (M) Z=     0.00 (M) AT 85 7 7 7
MAX CONC=0.167581E-03 X=  3000.00 (M) Y= -2000.00 (M) Z=     0.00 (M) AT 85 7 7 8
MAX CONC=0.746080E-04 X=  4000.00 (M) Y= -3000.00 (M) Z=     0.00 (M) AT 85 7 7 9
MAX CONC=0.872013E+00 X=  5000.00 (M) Y= -5000.00 (M) Z=     0.00 (M) AT 85 7 7 10
MAX CONC=-.100000E+01 X= -5000.00 (M) Y= -5000.00 (M) Z=     0.00 (M) AT 85 7 7 11
MAX CONC=0.128499E+01 X=  4000.00 (M) Y= -4000.00 (M) Z=     0.00 (M) AT 85 7 7 12
MAX CONC=0.283882E+00 X=  5000.00 (M) Y= -5000.00 (M) Z=     0.00 (M) AT 85 7 7 13
MAX CONC=0.916545E-01 X=  5000.00 (M) Y= -4000.00 (M) Z=     0.00 (M) AT 85 7 7 14
MAX CONC=0.479960E+02 X=  5000.00 (M) Y= -3000.00 (M) Z=     0.00 (M) AT 85 7 7 15
MAX CONC=0.634248E+02 X=  1000.00 (M) Y= -1000.00 (M) Z=     0.00 (M) AT 85 7 7 16
MAX CONC=0.784904E+02 X=  1000.00 (M) Y= -1000.00 (M) Z=     0.00 (M) AT 85 7 7 17
MAX CONC=0.729349E+02 X=  1000.00 (M) Y= -1000.00 (M) Z=     0.00 (M) AT 85 7 7 18
MAX CONC=0.678116E+02 X=  1000.00 (M) Y= -1000.00 (M) Z=     0.00 (M) AT 85 7 7 19
MAX CONC=0.718790E+02 X=  1000.00 (M) Y= -1000.00 (M) Z=     0.00 (M) AT 85 7 7 20
MAX CONC=0.671368E+02 X=  1000.00 (M) Y=     0.00 (M) Z=     0.00 (M) AT 85 7 7 21
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MAX CONC=0.530450E+02 X=  1000.00 (M) Y=     0.00 (M) Z=     0.00 (M) AT 85  7  7 22
MAX CONC=0.349313E+02 X=  2000.00 (M) Y=  2000.00 (M) Z=     0.00 (M) AT 85  7  7 23
MAX CONC=0.204970E+02 X=  3000.00 (M) Y=  5000.00 (M) Z=     0.00 (M) AT 85  7  7 24
MAX CONC=0.100326E+01 X=  2000.00 (M) Y=  5000.00 (M) Z=     0.00 (M) AT 85  7  8  1
MAX CONC=0.496781E-01 X=     0.00 (M) Y=  5000.00 (M) Z=     0.00 (M) AT 85  7  8  2
MAX CONC=0.422472E+00 X= -1000.00 (M) Y=  5000.00 (M) Z=     0.00 (M) AT 85  7  8  3
MAX CONC=0.396439E-01 X= -1000.00 (M) Y=  5000.00 (M) Z=     0.00 (M) AT 85  7  8  4
MAX CONC=0.125027E+01 X= -2000.00 (M) Y=  5000.00 (M) Z=     0.00 (M) AT 85  7  8  5
MAX CONC=0.509014E+00 X=     0.00 (M) Y=  5000.00 (M) Z=     0.00 (M) AT 85  7  8  6
MAX CONC=0.187473E+00 X=  2000.00 (M) Y=  5000.00 (M) Z=     0.00 (M) AT 85  7  8  7
MAX CONC=0.266775E-04 X=  5000.00 (M) Y=  5000.00 (M) Z=     0.00 (M) AT 85  7  8  8
MAX CONC=0.000000E+00 X= -5000.00 (M) Y= -5000.00 (M) Z=     0.00 (M) AT 85  7  8  9
MAX CONC=0.000000E+00 X= -5000.00 (M) Y= -5000.00 (M) Z=     0.00 (M) AT 85  7  8 10
MAX CONC=-.100000E+01 X= -5000.00 (M) Y= -5000.00 (M) Z=     0.00 (M) AT 85  7  8 11
MAX CONC=0.000000E+00 X= -5000.00 (M) Y= -5000.00 (M) Z=     0.00 (M) AT 85  7  8 12
MAX CONC=0.105794E+03 X=  5000.00 (M) Y=     0.00 (M) Z=     0.00 (M) AT 85  7  8 13
MAX CONC=0.106233E+03 X=  5000.00 (M) Y= -1000.00 (M) Z=     0.00 (M) AT 85  7  8 14
MAX CONC=0.766449E+02 X=  2000.00 (M) Y= -1000.00 (M) Z=     0.00 (M) AT 85  7  8 15
MAX CONC=0.753791E+02 X=  2000.00 (M) Y= -1000.00 (M) Z=     0.00 (M) AT 85  7  8 16
MAX CONC=0.849443E+02 X=  2000.00 (M) Y= -1000.00 (M) Z=     0.00 (M) AT 85  7  8 17
MAX CONC=0.792938E+02 X=  2000.00 (M) Y= -1000.00 (M) Z=     0.00 (M) AT 85  7  8 18
MAX CONC=0.846687E+02 X=  1000.00 (M) Y= -1000.00 (M) Z=     0.00 (M) AT 85  7  8 19
MAX CONC=0.832833E+02 X=     0.00 (M) Y= -1000.00 (M) Z=     0.00 (M) AT 85  7  8 20
MAX CONC=0.892493E+02 X=     0.00 (M) Y= -1000.00 (M) Z=     0.00 (M) AT 85  7  8 21
MAX CONC=0.988937E+02 X=     0.00 (M) Y= -1000.00 (M) Z=     0.00 (M) AT 85  7  8 22
MAX CONC=0.442778E+02 X= -1000.00 (M) Y= -3000.00 (M) Z=     0.00 (M) AT 85  7  8 23
MAX CONC=0.275296E+02 X= -5000.00 (M) Y= -4000.00 (M) Z=     0.00 (M) AT 85  7  8 24
MAX CONC=0.788129E+00 X= -1000.00 (M) Y= -1000.00 (M) Z=     0.00 (M) AT 85  7  9  1
MAX CONC=0.000000E+00 X= -5000.00 (M) Y= -5000.00 (M) Z=     0.00 (M) AT 85  7  9  2
MAX CONC=0.000000E+00 X= -5000.00 (M) Y= -5000.00 (M) Z=     0.00 (M) AT 85  7  9  3
MAX CONC=0.000000E+00 X= -5000.00 (M) Y= -5000.00 (M) Z=     0.00 (M) AT 85  7  9  4
MAX CONC=0.000000E+00 X= -5000.00 (M) Y= -5000.00 (M) Z=     0.00 (M) AT 85  7  9  5
MAX CONC=0.696339E+00 X= -1000.00 (M) Y= -1000.00 (M) Z=     0.00 (M) AT 85  7  9  6
MAX CONC=0.000000E+00 X= -5000.00 (M) Y= -5000.00 (M) Z=     0.00 (M) AT 85  7  9  7
MAX CONC=0.000000E+00 X= -5000.00 (M) Y= -5000.00 (M) Z=     0.00 (M) AT 85  7  9  8
MAX CONC=0.000000E+00 X= -5000.00 (M) Y= -5000.00 (M) Z=     0.00 (M) AT 85  7  9  9
MAX CONC=0.000000E+00 X= -5000.00 (M) Y= -5000.00 (M) Z=     0.00 (M) AT 85  7  9 10
MAX CONC=-.100000E+01 X= -5000.00 (M) Y= -5000.00 (M) Z=     0.00 (M) AT 85  7  9 11
MAX CONC=0.000000E+00 X= -5000.00 (M) Y= -5000.00 (M) Z=     0.00 (M) AT 85  7  9 12
MAX CONC=0.131353E+03 X=  1000.00 (M) Y= -4000.00 (M) Z=     0.00 (M) AT 85  7  9 13
MAX CONC=0.916530E+02 X=  1000.00 (M) Y= -5000.00 (M) Z=     0.00 (M) AT 85  7  9 14
MAX CONC=0.810638E+02 X=  1000.00 (M) Y= -1000.00 (M) Z=     0.00 (M) AT 85  7  9 15
MAX CONC=0.845354E+02 X=  1000.00 (M) Y= -1000.00 (M) Z=     0.00 (M) AT 85  7  9 16
MAX CONC=0.784532E+02 X=  1000.00 (M) Y= -1000.00 (M) Z=     0.00 (M) AT 85  7  9 17
MAX CONC=0.753194E+02 X=  1000.00 (M) Y= -1000.00 (M) Z=     0.00 (M) AT 85  7  9 18
MAX CONC=0.583463E+02 X=  1000.00 (M) Y= -2000.00 (M) Z=     0.00 (M) AT 85  7  9 19
MAX CONC=0.757963E+02 X=  1000.00 (M) Y= -1000.00 (M) Z=     0.00 (M) AT 85  7  9 20
MAX CONC=0.683190E+02 X=  1000.00 (M) Y= -1000.00 (M) Z=     0.00 (M) AT 85  7  9 21
MAX CONC=0.508929E+02 X=  2000.00 (M) Y= -1000.00 (M) Z=     0.00 (M) AT 85  7  9 22
MAX CONC=0.507904E+02 X=  3000.00 (M) Y= -1000.00 (M) Z=     0.00 (M) AT 85  7  9 23
MAX CONC=0.353185E+02 X=  5000.00 (M) Y=  2000.00 (M) Z=     0.00 (M) AT 85  7  9 24
MAX CONC=0.000000E+00 X= -5000.00 (M) Y= -5000.00 (M) Z=     0.00 (M) AT 85  7 10  1
MAX CONC=0.000000E+00 X= -5000.00 (M) Y= -5000.00 (M) Z=     0.00 (M) AT 85  7 10  2
MAX CONC=0.124840E-10 X=  1000.00 (M) Y=  1000.00 (M) Z=     0.00 (M) AT 85  7 10  3
MAX CONC=0.925709E-15 X=  1000.00 (M) Y= -1000.00 (M) Z=     0.00 (M) AT 85  7 10  4
MAX CONC=0.420466E-14 X=     0.00 (M) Y= -1000.00 (M) Z=     0.00 (M) AT 85  7 10  5
MAX CONC=0.222226E-16 X= -1000.00 (M) Y=     0.00 (M) Z=     0.00 (M) AT 85  7 10  6
MAX CONC=0.141922E-17 X=  1000.00 (M) Y= -1000.00 (M) Z=     0.00 (M) AT 85  7 10  7
MAX CONC=0.000000E+00 X= -5000.00 (M) Y= -5000.00 (M) Z=     0.00 (M) AT 85  7 10  8
MAX CONC=0.118255E+01 X= -2000.00 (M) Y= -3000.00 (M) Z=     0.00 (M) AT 85  7 10  9
MAX CONC=0.129834E+01 X= -2000.00 (M) Y= -3000.00 (M) Z=     0.00 (M) AT 85  7 10 10
MAX CONC=-.100000E+01 X= -5000.00 (M) Y= -5000.00 (M) Z=     0.00 (M) AT 85  7 10 11
MAX CONC=0.109149E+01 X= -3000.00 (M) Y= -5000.00 (M) Z=     0.00 (M) AT 85  7 10 12
MAX CONC=0.872122E+02 X= -1000.00 (M) Y= -4000.00 (M) Z=     0.00 (M) AT 85  7 10 13
MAX CONC=0.851744E+02 X= -1000.00 (M) Y= -5000.00 (M) Z=     0.00 (M) AT 85  7 10 14
MAX CONC=0.499721E+02 X= -1000.00 (M) Y= -4000.00 (M) Z=     0.00 (M) AT 85  7 10 15
MAX CONC=0.523762E+02 X= -1000.00 (M) Y= -3000.00 (M) Z=     0.00 (M) AT 85  7 10 16
MAX CONC=0.579897E+02 X= -1000.00 (M) Y= -3000.00 (M) Z=     0.00 (M) AT 85  7 10 17
MAX CONC=0.713233E+02 X= -1000.00 (M) Y= -2000.00 (M) Z=     0.00 (M) AT 85  7 10 18
MAX CONC=0.675055E+02 X= -1000.00 (M) Y= -2000.00 (M) Z=     0.00 (M) AT 85  7 10 19
MAX CONC=0.621596E+02 X= -1000.00 (M) Y= -2000.00 (M) Z=     0.00 (M) AT 85  7 10 20
MAX CONC=0.608319E+02 X= -1000.00 (M) Y= -2000.00 (M) Z=     0.00 (M) AT 85  7 10 21
MAX CONC=0.710039E+02 X= -1000.00 (M) Y= -1000.00 (M) Z=     0.00 (M) AT 85  7 10 22
MAX CONC=0.544181E+02 X= -2000.00 (M) Y= -1000.00 (M) Z=     0.00 (M) AT 85  7 10 23
MAX CONC=0.359081E+02 X= -5000.00 (M) Y= -1000.00 (M) Z=     0.00 (M) AT 85  7 10 24
MAX CONC=0.000000E+00 X= -5000.00 (M) Y= -5000.00 (M) Z=     0.00 (M) AT 85  7 11  1
MAX CONC=0.000000E+00 X= -5000.00 (M) Y= -5000.00 (M) Z=     0.00 (M) AT 85  7 11  2
MAX CONC=0.000000E+00 X= -5000.00 (M) Y= -5000.00 (M) Z=     0.00 (M) AT 85  7 11  3
MAX CONC=0.408029E-09 X=     0.00 (M) Y=  1000.00 (M) Z=     0.00 (M) AT 85  7 11  4
MAX CONC=0.000000E+00 X= -5000.00 (M) Y= -5000.00 (M) Z=     0.00 (M) AT 85  7 11  5
MAX CONC=0.000000E+00 X= -5000.00 (M) Y= -5000.00 (M) Z=     0.00 (M) AT 85  7 11  6
MAX CONC=0.000000E+00 X= -5000.00 (M) Y= -5000.00 (M) Z=     0.00 (M) AT 85  7 11  7
MAX CONC=0.209369E-05 X=  4000.00 (M) Y= -3000.00 (M) Z=     0.00 (M) AT 85  7 11  8
MAX CONC=0.146453E+00 X=  1000.00 (M) Y= -5000.00 (M) Z=     0.00 (M) AT 85  7 11  9
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MAX CONC=0.000000E+00 X= -5000.00 (M) Y= -5000.00 (M) Z=    0.00 (M) AT 85  7 11 10
MAX CONC=-.100000E+01 X= -5000.00 (M) Y= -5000.00 (M) Z=    0.00 (M) AT 85  7 11 11
MAX CONC=0.649878E+02 X=  1000.00 (M) Y= -5000.00 (M) Z=    0.00 (M) AT 85  7 11 12
MAX CONC=0.840324E+02 X=     0.00 (M) Y= -4000.00 (M) Z=    0.00 (M) AT 85  7 11 13
MAX CONC=0.901514E+02 X= -1000.00 (M) Y= -4000.00 (M) Z=    0.00 (M) AT 85  7 11 14
MAX CONC=0.106149E+03 X=     0.00 (M) Y= -2000.00 (M) Z=    0.00 (M) AT 85  7 11 15
MAX CONC=0.892203E+02 X=     0.00 (M) Y= -1000.00 (M) Z=    0.00 (M) AT 85  7 11 16
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MAX CONC=0.129115E+03 X= -1000.00 (M) Y= -2000.00 (M) Z=    0.00 (M) AT 85  7 11 18
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MAX CONC=0.736692E+02 X=  1000.00 (M) Y=  1000.00 (M) Z=    0.00 (M) AT 85  7 11 20
MAX CONC=0.685423E+02 X=     0.00 (M) Y=  1000.00 (M) Z=    0.00 (M) AT 85  7 11 21
MAX CONC=0.568517E+02 X=     0.00 (M) Y=  1000.00 (M) Z=    0.00 (M) AT 85  7 11 22
MAX CONC=0.580401E+02 X=  1000.00 (M) Y=  1000.00 (M) Z=    0.00 (M) AT 85  7 11 23
MAX CONC=0.306954E+02 X=     0.00 (M) Y=  3000.00 (M) Z=    0.00 (M) AT 85  7 11 24
MAX CONC=0.000000E+00 X= -5000.00 (M) Y= -5000.00 (M) Z=    0.00 (M) AT 85  7 12  1
MAX CONC=0.112467E+01 X= -3000.00 (M) Y=  5000.00 (M) Z=    0.00 (M) AT 85  7 12  2
MAX CONC=0.792623E-01 X= -2000.00 (M) Y=  5000.00 (M) Z=    0.00 (M) AT 85  7 12  3
MAX CONC=0.609820E-01 X= -2000.00 (M) Y=  5000.00 (M) Z=    0.00 (M) AT 85  7 12  4
MAX CONC=0.103305E+01 X= -2000.00 (M) Y=  5000.00 (M) Z=    0.00 (M) AT 85  7 12  5
MAX CONC=0.222675E+00 X= -1000.00 (M) Y=  1000.00 (M) Z=    0.00 (M) AT 85  7 12  6
MAX CONC=0.000000E+00 X= -5000.00 (M) Y= -5000.00 (M) Z=    0.00 (M) AT 85  7 12  7
MAX CONC=0.000000E+00 X= -5000.00 (M) Y= -5000.00 (M) Z=    0.00 (M) AT 85  7 12  8
MAX CONC=0.000000E+00 X= -5000.00 (M) Y= -5000.00 (M) Z=    0.00 (M) AT 85  7 12  9
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MAX CONC=0.674775E+02 X= -1000.00 (M) Y= -2000.00 (M) Z=    0.00 (M) AT 85  7 12 15
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MAX CONC=0.675258E+02 X= -1000.00 (M) Y= -1000.00 (M) Z=    0.00 (M) AT 85  7 12 17
MAX CONC=0.924960E+02 X=     0.00 (M) Y= -1000.00 (M) Z=    0.00 (M) AT 85  7 12 18
MAX CONC=0.826989E+02 X=     0.00 (M) Y= -1000.00 (M) Z=    0.00 (M) AT 85  7 12 19
MAX CONC=0.822881E+02 X= -1000.00 (M) Y=     0.00 (M) Z=    0.00 (M) AT 85  7 12 20
MAX CONC=0.874770E+02 X= -1000.00 (M) Y=     0.00 (M) Z=    0.00 (M) AT 85  7 12 21
MAX CONC=0.814255E+02 X= -1000.00 (M) Y=     0.00 (M) Z=    0.00 (M) AT 85  7 12 22
MAX CONC=0.745216E+02 X= -1000.00 (M) Y=     0.00 (M) Z=    0.00 (M) AT 85  7 12 23
MAX CONC=0.395481E+02 X=  1000.00 (M) Y=  2000.00 (M) Z=    0.00 (M) AT 85  7 12 24
MAX CONC=0.000000E+00 X= -5000.00 (M) Y= -5000.00 (M) Z=    0.00 (M) AT 85  7 13  1
MAX CONC=0.000000E+00 X= -5000.00 (M) Y= -5000.00 (M) Z=    0.00 (M) AT 85  7 13  2
MAX CONC=0.000000E+00 X= -5000.00 (M) Y= -5000.00 (M) Z=    0.00 (M) AT 85  7 13  3
MAX CONC=0.000000E+00 X= -5000.00 (M) Y= -5000.00 (M) Z=    0.00 (M) AT 85  7 13  4
MAX CONC=0.000000E+00 X= -5000.00 (M) Y= -5000.00 (M) Z=    0.00 (M) AT 85  7 13  5
MAX CONC=0.112610E-04 X= -1000.00 (M) Y=  4000.00 (M) Z=    0.00 (M) AT 85  7 13  6
MAX CONC=0.000000E+00 X= -5000.00 (M) Y= -5000.00 (M) Z=    0.00 (M) AT 85  7 13  7
MAX CONC=0.000000E+00 X= -5000.00 (M) Y= -5000.00 (M) Z=    0.00 (M) AT 85  7 13  8
MAX CONC=0.000000E+00 X= -5000.00 (M) Y= -5000.00 (M) Z=    0.00 (M) AT 85  7 13  9
MAX CONC=0.000000E+00 X= -5000.00 (M) Y= -5000.00 (M) Z=    0.00 (M) AT 85  7 13 10
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MAX CONC=0.507834E-01 X=     0.00 (M) Y=  5000.00 (M) Z=    0.00 (M) AT 85  7 13 13
MAX CONC=0.586772E+02 X=     0.00 (M) Y=  3000.00 (M) Z=    0.00 (M) AT 85  7 13 14
MAX CONC=0.766677E+02 X=     0.00 (M) Y=  2000.00 (M) Z=    0.00 (M) AT 85  7 13 15
MAX CONC=0.689740E+02 X=     0.00 (M) Y=  1000.00 (M) Z=    0.00 (M) AT 85  7 13 16
MAX CONC=0.743766E+02 X=     0.00 (M) Y=  1000.00 (M) Z=    0.00 (M) AT 85  7 13 17
MAX CONC=0.789913E+02 X=     0.00 (M) Y=  1000.00 (M) Z=    0.00 (M) AT 85  7 13 18
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MAX CONC=0.451375E+02 X=  1000.00 (M) Y=  3000.00 (M) Z=    0.00 (M) AT 85  7 13 20
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MAX CONC=0.249074E+02 X=  1000.00 (M) Y=  5000.00 (M) Z=    0.00 (M) AT 85  7 13 22
MAX CONC=0.264271E+02 X=  1000.00 (M) Y=  5000.00 (M) Z=    0.00 (M) AT 85  7 13 23
MAX CONC=0.150185E+02 X=  1000.00 (M) Y=  5000.00 (M) Z=    0.00 (M) AT 85  7 13 24
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MAX CONC=0.288494E+01 X=  1000.00 (M) Y=  5000.00 (M) Z=    0.00 (M) AT 85  7 14  2
MAX CONC=0.393427E+01 X=  2000.00 (M) Y=  5000.00 (M) Z=    0.00 (M) AT 85  7 14  3
MAX CONC=0.804890E+01 X=  2000.00 (M) Y=  5000.00 (M) Z=    0.00 (M) AT 85  7 14  4
MAX CONC=0.280901E+02 X=  2000.00 (M) Y=  5000.00 (M) Z=    0.00 (M) AT 85  7 14  5
MAX CONC=0.268624E+02 X=  3000.00 (M) Y=  5000.00 (M) Z=    0.00 (M) AT 85  7 14  6
MAX CONC=0.170302E+02 X=  3000.00 (M) Y=  5000.00 (M) Z=    0.00 (M) AT 85  7 14  7
MAX CONC=0.375532E+01 X=  5000.00 (M) Y=  5000.00 (M) Z=    0.00 (M) AT 85  7 14  8
MAX CONC=0.294932E+00 X=  5000.00 (M) Y=  4000.00 (M) Z=    0.00 (M) AT 85  7 14  9
MAX CONC=0.822133E-01 X=  5000.00 (M) Y=  3000.00 (M) Z=    0.00 (M) AT 85  7 14 10
MAX CONC=-.100000E+01 X= -5000.00 (M) Y= -5000.00 (M) Z=    0.00 (M) AT 85  7 14 11
MAX CONC=-.100000E+01 X= -5000.00 (M) Y= -5000.00 (M) Z=    0.00 (M) AT 85  7 14 12
MAX CONC=0.243999E+00 X=  5000.00 (M) Y=  3000.00 (M) Z=    0.00 (M) AT 85  7 14 13
MAX CONC=0.639836E+02 X=  5000.00 (M) Y=  4000.00 (M) Z=    0.00 (M) AT 85  7 14 14
MAX CONC=0.548668E+02 X=  5000.00 (M) Y=  5000.00 (M) Z=    0.00 (M) AT 85  7 14 15
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MAX CONC=0.554938E+02 X=  2000.00 (M) Y=     0.00 (M) Z=    0.00 (M) AT 85  7 14 17
MAX CONC=0.829308E+02 X=  1000.00 (M) Y=     0.00 (M) Z=    0.00 (M) AT 85  7 14 18
MAX CONC=0.597480E+02 X=  2000.00 (M) Y=     0.00 (M) Z=    0.00 (M) AT 85  7 14 19
MAX CONC=0.617916E+02 X=  1000.00 (M) Y=     0.00 (M) Z=    0.00 (M) AT 85  7 14 20
MAX CONC=0.826709E+02 X=  1000.00 (M) Y=     0.00 (M) Z=    0.00 (M) AT 85  7 14 21
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MAX CONC=0.906678E+02 X=  1000.00 (M) Y=     0.00 (M) Z=     0.00 (M) AT  85  7 14 22
MAX CONC=0.730536E+02 X=  1000.00 (M) Y=  1000.00 (M) Z=     0.00 (M) AT  85  7 14 23
MAX CONC=0.310278E+02 X=  2000.00 (M) Y=  5000.00 (M) Z=     0.00 (M) AT  85  7 14 24
MAX CONC=0.703621E-05 X=  1000.00 (M) Y=  3000.00 (M) Z=     0.00 (M) AT  85  7 15  1
MAX CONC=0.000000E+00 X= -5000.00 (M) Y= -5000.00 (M) Z=     0.00 (M) AT  85  7 15  2
MAX CONC=0.000000E+00 X= -5000.00 (M) Y= -5000.00 (M) Z=     0.00 (M) AT  85  7 15  3
MAX CONC=0.000000E+00 X= -5000.00 (M) Y= -5000.00 (M) Z=     0.00 (M) AT  85  7 15  4
MAX CONC=0.000000E+00 X= -5000.00 (M) Y= -5000.00 (M) Z=     0.00 (M) AT  85  7 15  5
MAX CONC=0.000000E+00 X= -5000.00 (M) Y= -5000.00 (M) Z=     0.00 (M) AT  85  7 15  6
MAX CONC=0.000000E+00 X= -5000.00 (M) Y= -5000.00 (M) Z=     0.00 (M) AT  85  7 15  7
MAX CONC=0.000000E+00 X= -5000.00 (M) Y= -5000.00 (M) Z=     0.00 (M) AT  85  7 15  8
MAX CONC=0.934690E+00 X=  5000.00 (M) Y=  4000.00 (M) Z=     0.00 (M) AT  85  7 15  9
MAX CONC=0.000000E+00 X= -5000.00 (M) Y= -5000.00 (M) Z=     0.00 (M) AT  85  7 15 10
MAX CONC=-.100000E+01 X= -5000.00 (M) Y= -5000.00 (M) Z=     0.00 (M) AT  85  7 15 11
MAX CONC=-.100000E+01 X= -5000.00 (M) Y= -5000.00 (M) Z=     0.00 (M) AT  85  7 15 12
MAX CONC=-.100000E+01 X= -5000.00 (M) Y= -5000.00 (M) Z=     0.00 (M) AT  85  7 15 13
MAX CONC=-.100000E+01 X= -5000.00 (M) Y= -5000.00 (M) Z=     0.00 (M) AT  85  7 15 14
MAX CONC=-.100000E+01 X= -5000.00 (M) Y= -5000.00 (M) Z=     0.00 (M) AT  85  7 15 15
MAX CONC=0.109187E+03 X=  2000.00 (M) Y= -5000.00 (M) Z=     0.00 (M) AT  85  7 15 16
MAX CONC=0.167125E+03 X= -1000.00 (M) Y= -4000.00 (M) Z=     0.00 (M) AT  85  7 15 17
MAX CONC=0.180134E+03 X=  3000.00 (M) Y=     0.00 (M) Z=     0.00 (M) AT  85  7 15 18
MAX CONC=0.835501E+02 X=  5000.00 (M) Y= -1000.00 (M) Z=     0.00 (M) AT  85  7 15 19
MAX CONC=0.789017E+02 X=  2000.00 (M) Y=     0.00 (M) Z=     0.00 (M) AT  85  7 15 20
MAX CONC=0.767538E+02 X= -2000.00 (M) Y= -1000.00 (M) Z=     0.00 (M) AT  85  7 15 21
MAX CONC=0.868575E+02 X= -3000.00 (M) Y= -5000.00 (M) Z=     0.00 (M) AT  85  7 15 22
MAX CONC=0.820093E+02 X= -5000.00 (M) Y= -5000.00 (M) Z=     0.00 (M) AT  85  7 15 23
MAX CONC=0.434867E+02 X= -5000.00 (M) Y= -5000.00 (M) Z=     0.00 (M) AT  85  7 15 24
MAX CONC=0.000000E+00 X= -5000.00 (M) Y= -5000.00 (M) Z=     0.00 (M) AT  85  7 16  1
MAX CONC=0.000000E+00 X= -5000.00 (M) Y= -5000.00 (M) Z=     0.00 (M) AT  85  7 16  2
MAX CONC=0.000000E+00 X= -5000.00 (M) Y= -5000.00 (M) Z=     0.00 (M) AT  85  7 16  3
MAX CONC=0.000000E+00 X= -5000.00 (M) Y= -5000.00 (M) Z=     0.00 (M) AT  85  7 16  4
MAX CONC=0.000000E+00 X= -5000.00 (M) Y= -5000.00 (M) Z=     0.00 (M) AT  85  7 16  5
MAX CONC=0.000000E+00 X= -5000.00 (M) Y= -5000.00 (M) Z=     0.00 (M) AT  85  7 16  6
MAX CONC=0.000000E+00 X= -5000.00 (M) Y= -5000.00 (M) Z=     0.00 (M) AT  85  7 16  7
MAX CONC=0.000000E+00 X= -5000.00 (M) Y= -5000.00 (M) Z=     0.00 (M) AT  85  7 16  8
MAX CONC=0.000000E+00 X= -5000.00 (M) Y= -5000.00 (M) Z=     0.00 (M) AT  85  7 16  9
MAX CONC=0.000000E+00 X= -5000.00 (M) Y= -5000.00 (M) Z=     0.00 (M) AT  85  7 16 10
MAX CONC=-.100000E+01 X= -5000.00 (M) Y= -5000.00 (M) Z=     0.00 (M) AT  85  7 16 11
MAX CONC=0.806441E-01 X=  5000.00 (M) Y= -3000.00 (M) Z=     0.00 (M) AT  85  7 16 12
MAX CONC=0.112164E+03 X=  5000.00 (M) Y= -4000.00 (M) Z=     0.00 (M) AT  85  7 16 13
MAX CONC=0.812879E+02 X=  2000.00 (M) Y= -5000.00 (M) Z=     0.00 (M) AT  85  7 16 14
MAX CONC=0.693761E+02 X=     0.00 (M) Y= -2000.00 (M) Z=     0.00 (M) AT  85  7 16 15
MAX CONC=0.620177E+02 X=  1000.00 (M) Y= -3000.00 (M) Z=     0.00 (M) AT  85  7 16 16
MAX CONC=0.630443E+02 X=  1000.00 (M) Y= -2000.00 (M) Z=     0.00 (M) AT  85  7 16 17
MAX CONC=0.486689E+02 X=  1000.00 (M) Y= -2000.00 (M) Z=     0.00 (M) AT  85  7 16 18
MAX CONC=0.859109E+02 X=     0.00 (M) Y= -1000.00 (M) Z=     0.00 (M) AT  85  7 16 19
MAX CONC=0.610077E+02 X= -1000.00 (M) Y= -1000.00 (M) Z=     0.00 (M) AT  85  7 16 20
MAX CONC=0.708461E+02 X= -1000.00 (M) Y= -1000.00 (M) Z=     0.00 (M) AT  85  7 16 21
MAX CONC=0.664990E+02 X= -1000.00 (M) Y= -1000.00 (M) Z=     0.00 (M) AT  85  7 16 22
MAX CONC=0.478431E+02 X= -1000.00 (M) Y= -1000.00 (M) Z=     0.00 (M) AT  85  7 16 23
MAX CONC=0.262306E+02 X= -3000.00 (M) Y= -4000.00 (M) Z=     0.00 (M) AT  85  7 16 24
MAX CONC=0.000000E+00 X= -5000.00 (M) Y= -5000.00 (M) Z=     0.00 (M) AT  85  7 17  1
MAX CONC=0.000000E+00 X= -5000.00 (M) Y= -5000.00 (M) Z=     0.00 (M) AT  85  7 17  2
MAX CONC=0.000000E+00 X= -5000.00 (M) Y= -5000.00 (M) Z=     0.00 (M) AT  85  7 17  3
MAX CONC=0.000000E+00 X= -5000.00 (M) Y= -5000.00 (M) Z=     0.00 (M) AT  85  7 17  4
MAX CONC=0.000000E+00 X= -5000.00 (M) Y= -5000.00 (M) Z=     0.00 (M) AT  85  7 17  5
MAX CONC=0.000000E+00 X= -5000.00 (M) Y= -5000.00 (M) Z=     0.00 (M) AT  85  7 17  6
MAX CONC=0.000000E+00 X= -5000.00 (M) Y= -5000.00 (M) Z=     0.00 (M) AT  85  7 17  7
MAX CONC=0.000000E+00 X= -5000.00 (M) Y= -5000.00 (M) Z=     0.00 (M) AT  85  7 17  8
MAX CONC=0.000000E+00 X= -5000.00 (M) Y= -5000.00 (M) Z=     0.00 (M) AT  85  7 17  9
MAX CONC=0.000000E+00 X= -5000.00 (M) Y= -5000.00 (M) Z=     0.00 (M) AT  85  7 17 10
MAX CONC=-.100000E+01 X= -5000.00 (M) Y= -5000.00 (M) Z=     0.00 (M) AT  85  7 17 11
MAX CONC=0.000000E+00 X= -5000.00 (M) Y= -5000.00 (M) Z=     0.00 (M) AT  85  7 17 12
MAX CONC=0.000000E+00 X= -5000.00 (M) Y= -5000.00 (M) Z=     0.00 (M) AT  85  7 17 13
MAX CONC=0.919495E+02 X= -3000.00 (M) Y= -2000.00 (M) Z=     0.00 (M) AT  85  7 17 14
MAX CONC=0.792917E+02 X= -2000.00 (M) Y= -1000.00 (M) Z=     0.00 (M) AT  85  7 17 15
MAX CONC=0.880327E+02 X= -1000.00 (M) Y=     0.00 (M) Z=     0.00 (M) AT  85  7 17 16
MAX CONC=0.879908E+02 X= -1000.00 (M) Y=     0.00 (M) Z=     0.00 (M) AT  85  7 17 17
MAX CONC=0.877726E+02 X= -1000.00 (M) Y=     0.00 (M) Z=     0.00 (M) AT  85  7 17 18
MAX CONC=0.762009E+02 X= -1000.00 (M) Y=  1000.00 (M) Z=     0.00 (M) AT  85  7 17 19
MAX CONC=0.895211E+02 X=     0.00 (M) Y=  1000.00 (M) Z=     0.00 (M) AT  85  7 17 20
MAX CONC=0.587517E+02 X=     0.00 (M) Y=  1000.00 (M) Z=     0.00 (M) AT  85  7 17 21
MAX CONC=0.727698E+02 X=     0.00 (M) Y=  1000.00 (M) Z=     0.00 (M) AT  85  7 17 22
MAX CONC=0.496111E+02 X= -1000.00 (M) Y=  2000.00 (M) Z=     0.00 (M) AT  85  7 17 23
MAX CONC=0.270659E+02 X= -1000.00 (M) Y=  4000.00 (M) Z=     0.00 (M) AT  85  7 17 24
MAX CONC=0.000000E+00 X= -5000.00 (M) Y= -5000.00 (M) Z=     0.00 (M) AT  85  7 18  1
MAX CONC=0.000000E+00 X= -5000.00 (M) Y= -5000.00 (M) Z=     0.00 (M) AT  85  7 18  2
MAX CONC=0.000000E+00 X= -5000.00 (M) Y= -5000.00 (M) Z=     0.00 (M) AT  85  7 18  3
MAX CONC=0.000000E+00 X= -5000.00 (M) Y= -5000.00 (M) Z=     0.00 (M) AT  85  7 18  4
MAX CONC=0.000000E+00 X= -5000.00 (M) Y= -5000.00 (M) Z=     0.00 (M) AT  85  7 18  5
MAX CONC=0.000000E+00 X= -5000.00 (M) Y= -5000.00 (M) Z=     0.00 (M) AT  85  7 18  6
MAX CONC=0.000000E+00 X= -5000.00 (M) Y= -5000.00 (M) Z=     0.00 (M) AT  85  7 18  7
MAX CONC=0.000000E+00 X= -5000.00 (M) Y= -5000.00 (M) Z=     0.00 (M) AT  85  7 18  8
MAX CONC=0.000000E+00 X= -5000.00 (M) Y= -5000.00 (M) Z=     0.00 (M) AT  85  7 18  9
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MAX CONC=0.000000E+00 X= -5000.00 (M) Y= -5000.00 (M) Z=    0.00 (M) AT  85  7 18 10
MAX CONC=-.100000E+01 X= -5000.00 (M) Y= -5000.00 (M) Z=    0.00 (M) AT  85  7 18 11
MAX CONC=0.000000E+00 X= -5000.00 (M) Y= -5000.00 (M) Z=    0.00 (M) AT  85  7 18 12
MAX CONC=0.137614E+03 X= -4000.00 (M) Y=  3000.00 (M) Z=    0.00 (M) AT  85  7 18 13
MAX CONC=0.893869E+02 X= -1000.00 (M) Y=  2000.00 (M) Z=    0.00 (M) AT  85  7 18 14
MAX CONC=0.866662E+02 X=     0.00 (M) Y=  1000.00 (M) Z=    0.00 (M) AT  85  7 18 15
MAX CONC=0.813625E+02 X=     0.00 (M) Y=  1000.00 (M) Z=    0.00 (M) AT  85  7 18 16
MAX CONC=0.920997E+02 X=     0.00 (M) Y=  1000.00 (M) Z=    0.00 (M) AT  85  7 18 17
MAX CONC=0.881152E+02 X=     0.00 (M) Y=  1000.00 (M) Z=    0.00 (M) AT  85  7 18 18
MAX CONC=0.719151E+02 X=     0.00 (M) Y=  1000.00 (M) Z=    0.00 (M) AT  85  7 18 19
MAX CONC=0.686956E+02 X=     0.00 (M) Y=  2000.00 (M) Z=    0.00 (M) AT  85  7 18 20
MAX CONC=0.673867E+02 X=     0.00 (M) Y=  2000.00 (M) Z=    0.00 (M) AT  85  7 18 21
MAX CONC=0.555677E+02 X=     0.00 (M) Y=  2000.00 (M) Z=    0.00 (M) AT  85  7 18 22
MAX CONC=0.400938E+02 X=     0.00 (M) Y=  3000.00 (M) Z=    0.00 (M) AT  85  7 18 23
MAX CONC=0.248552E+02 X=  1000.00 (M) Y=  5000.00 (M) Z=    0.00 (M) AT  85  7 18 24
MAX CONC=0.243965E-06 X=     0.00 (M) Y=  1000.00 (M) Z=    0.00 (M) AT  85  7 19  1
MAX CONC=0.187163E+00 X=     0.00 (M) Y=  5000.00 (M) Z=    0.00 (M) AT  85  7 19  2
MAX CONC=0.197849E-07 X=     0.00 (M) Y=  1000.00 (M) Z=    0.00 (M) AT  85  7 19  3
MAX CONC=0.000000E+00 X= -5000.00 (M) Y= -5000.00 (M) Z=    0.00 (M) AT  85  7 19  4
MAX CONC=0.000000E+00 X= -5000.00 (M) Y= -5000.00 (M) Z=    0.00 (M) AT  85  7 19  5
MAX CONC=0.000000E+00 X= -5000.00 (M) Y= -5000.00 (M) Z=    0.00 (M) AT  85  7 19  6
MAX CONC=0.000000E+00 X= -5000.00 (M) Y= -5000.00 (M) Z=    0.00 (M) AT  85  7 19  7
MAX CONC=0.000000E+00 X= -5000.00 (M) Y= -5000.00 (M) Z=    0.00 (M) AT  85  7 19  8
MAX CONC=0.000000E+00 X= -5000.00 (M) Y= -5000.00 (M) Z=    0.00 (M) AT  85  7 19  9
MAX CONC=0.825271E-06 X=  1000.00 (M) Y=  1000.00 (M) Z=    0.00 (M) AT  85  7 19 10
MAX CONC=-.100000E+01 X= -5000.00 (M) Y= -5000.00 (M) Z=    0.00 (M) AT  85  7 19 11
MAX CONC=0.000000E+00 X= -5000.00 (M) Y= -5000.00 (M) Z=    0.00 (M) AT  85  7 19 12
MAX CONC=0.104033E+00 X=  5000.00 (M) Y=  3000.00 (M) Z=    0.00 (M) AT  85  7 19 13
MAX CONC=0.212579E+00 X=  5000.00 (M) Y=  4000.00 (M) Z=    0.00 (M) AT  85  7 19 14
MAX CONC=0.151411E+00 X=  5000.00 (M) Y=  4000.00 (M) Z=    0.00 (M) AT  85  7 19 15
MAX CONC=0.723235E+02 X=  5000.00 (M) Y=  3000.00 (M) Z=    0.00 (M) AT  85  7 19 16
MAX CONC=0.658880E+02 X=  4000.00 (M) Y=  4000.00 (M) Z=    0.00 (M) AT  85  7 19 17
MAX CONC=0.624695E+02 X=  4000.00 (M) Y=  2000.00 (M) Z=    0.00 (M) AT  85  7 19 18
MAX CONC=0.733889E+02 X=  4000.00 (M) Y=  2000.00 (M) Z=    0.00 (M) AT  85  7 19 19
MAX CONC=0.000000E+00 X= -5000.00 (M) Y= -5000.00 (M) Z=    0.00 (M) AT  85  7 19 20
MAX CONC=0.892604E+00 X=  3000.00 (M) Y=  4000.00 (M) Z=    0.00 (M) AT  85  7 19 21
MAX CONC=0.359636E-01 X=  4000.00 (M) Y= -1000.00 (M) Z=    0.00 (M) AT  85  7 19 22
MAX CONC=0.000000E+00 X= -5000.00 (M) Y= -5000.00 (M) Z=    0.00 (M) AT  85  7 19 23
MAX CONC=0.000000E+00 X= -5000.00 (M) Y= -5000.00 (M) Z=    0.00 (M) AT  85  7 19 24
MAX CONC=0.133082E+01 X=  4000.00 (M) Y=  2000.00 (M) Z=    0.00 (M) AT  85  7 20  1
MAX CONC=0.113256E+01 X=  4000.00 (M) Y=  2000.00 (M) Z=    0.00 (M) AT  85  7 20  2
MAX CONC=0.808891E+00 X=  3000.00 (M) Y=  1000.00 (M) Z=    0.00 (M) AT  85  7 20  3
MAX CONC=0.118793E+01 X=  5000.00 (M) Y= -1000.00 (M) Z=    0.00 (M) AT  85  7 20  4
MAX CONC=0.376956E-01 X=  4000.00 (M) Y= -1000.00 (M) Z=    0.00 (M) AT  85  7 20  5
MAX CONC=0.959231E-01 X=  5000.00 (M) Y= -2000.00 (M) Z=    0.00 (M) AT  85  7 20  6
MAX CONC=0.000000E+00 X= -5000.00 (M) Y= -5000.00 (M) Z=    0.00 (M) AT  85  7 20  7
MAX CONC=0.000000E+00 X= -5000.00 (M) Y= -5000.00 (M) Z=    0.00 (M) AT  85  7 20  8
MAX CONC=0.000000E+00 X= -5000.00 (M) Y= -5000.00 (M) Z=    0.00 (M) AT  85  7 20  9
MAX CONC=0.000000E+00 X= -5000.00 (M) Y= -5000.00 (M) Z=    0.00 (M) AT  85  7 20 10
MAX CONC=-.100000E+01 X= -5000.00 (M) Y= -5000.00 (M) Z=    0.00 (M) AT  85  7 20 11
MAX CONC=0.178284E+00 X=     0.00 (M) Y= -2000.00 (M) Z=    0.00 (M) AT  85  7 20 12
MAX CONC=0.000000E+00 X= -5000.00 (M) Y= -5000.00 (M) Z=    0.00 (M) AT  85  7 20 13
MAX CONC=0.000000E+00 X= -5000.00 (M) Y= -5000.00 (M) Z=    0.00 (M) AT  85  7 20 14
MAX CONC=0.361722E+02 X= -1000.00 (M) Y= -5000.00 (M) Z=    0.00 (M) AT  85  7 20 15
MAX CONC=0.100298E+03 X= -1000.00 (M) Y= -5000.00 (M) Z=    0.00 (M) AT  85  7 20 16
MAX CONC=0.949493E+02 X= -1000.00 (M) Y= -5000.00 (M) Z=    0.00 (M) AT  85  7 20 17
MAX CONC=0.689831E+02 X=  1000.00 (M) Y= -3000.00 (M) Z=    0.00 (M) AT  85  7 20 18
MAX CONC=0.603607E+02 X=  1000.00 (M) Y= -3000.00 (M) Z=    0.00 (M) AT  85  7 20 19
MAX CONC=0.642824E+02 X=     0.00 (M) Y= -2000.00 (M) Z=    0.00 (M) AT  85  7 20 20
MAX CONC=0.546826E+02 X= -1000.00 (M) Y= -1000.00 (M) Z=    0.00 (M) AT  85  7 20 21
MAX CONC=0.536165E+02 X= -1000.00 (M) Y= -1000.00 (M) Z=    0.00 (M) AT  85  7 20 22
MAX CONC=0.305979E+02 X= -3000.00 (M) Y= -3000.00 (M) Z=    0.00 (M) AT  85  7 20 23
MAX CONC=0.273128E+02 X= -5000.00 (M) Y= -4000.00 (M) Z=    0.00 (M) AT  85  7 20 24
MAX CONC=0.106120E+01 X= -3000.00 (M) Y= -3000.00 (M) Z=    0.00 (M) AT  85  7 21  1
MAX CONC=0.119600E-01 X= -1000.00 (M) Y= -1000.00 (M) Z=    0.00 (M) AT  85  7 21  2
MAX CONC=0.000000E+00 X= -5000.00 (M) Y= -5000.00 (M) Z=    0.00 (M) AT  85  7 21  3
MAX CONC=0.000000E+00 X= -5000.00 (M) Y= -5000.00 (M) Z=    0.00 (M) AT  85  7 21  4
MAX CONC=0.000000E+00 X= -5000.00 (M) Y= -5000.00 (M) Z=    0.00 (M) AT  85  7 21  5
MAX CONC=0.000000E+00 X= -5000.00 (M) Y= -5000.00 (M) Z=    0.00 (M) AT  85  7 21  6
MAX CONC=0.314883E+00 X= -1000.00 (M) Y=  1000.00 (M) Z=    0.00 (M) AT  85  7 21  7
MAX CONC=0.167817E+00 X= -1000.00 (M) Y=  2000.00 (M) Z=    0.00 (M) AT  85  7 21  8
MAX CONC=0.181798E+00 X= -1000.00 (M) Y=  2000.00 (M) Z=    0.00 (M) AT  85  7 21  9
MAX CONC=0.181798E+00 X= -1000.00 (M) Y=  2000.00 (M) Z=    0.00 (M) AT  85  7 21 10
MAX CONC=-.100000E+01 X= -5000.00 (M) Y= -5000.00 (M) Z=    0.00 (M) AT  85  7 21 11
MAX CONC=0.000000E+00 X= -5000.00 (M) Y= -5000.00 (M) Z=    0.00 (M) AT  85  7 21 12
MAX CONC=0.316200E+02 X= -2000.00 (M) Y=  4000.00 (M) Z=    0.00 (M) AT  85  7 21 13
MAX CONC=0.704043E+02 X= -2000.00 (M) Y=  5000.00 (M) Z=    0.00 (M) AT  85  7 21 14
MAX CONC=0.507669E+02 X= -1000.00 (M) Y=  4000.00 (M) Z=    0.00 (M) AT  85  7 21 15
MAX CONC=0.117793E+00 X=     0.00 (M) Y=  5000.00 (M) Z=    0.00 (M) AT  85  7 21 16
MAX CONC=0.420206E+02 X= -1000.00 (M) Y=  5000.00 (M) Z=    0.00 (M) AT  85  7 21 17
MAX CONC=0.529576E+02 X=     0.00 (M) Y=  3000.00 (M) Z=    0.00 (M) AT  85  7 21 18
MAX CONC=0.516663E+02 X=  1000.00 (M) Y=  2000.00 (M) Z=    0.00 (M) AT  85  7 21 19
MAX CONC=0.489503E+02 X=  1000.00 (M) Y=  1000.00 (M) Z=    0.00 (M) AT  85  7 21 20
MAX CONC=0.467898E+02 X=  2000.00 (M) Y=  1000.00 (M) Z=    0.00 (M) AT  85  7 21 21
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MAX CONC=0.406988E+02 X=  3000.00 (M) Y=  1000.00 (M) Z=     0.00 (M) AT  85  7 21 22
MAX CONC=0.310806E+02 X=  3000.00 (M) Y=  1000.00 (M) Z=     0.00 (M) AT  85  7 21 23
MAX CONC=0.147086E+02 X=  5000.00 (M) Y=  3000.00 (M) Z=     0.00 (M) AT  85  7 21 24
MAX CONC=0.689491E-01 X=  5000.00 (M) Y=  3000.00 (M) Z=     0.00 (M) AT  85  7 22  1
MAX CONC=0.000000E+00 X= -5000.00 (M) Y= -5000.00 (M) Z=     0.00 (M) AT  85  7 22  2
MAX CONC=0.144038E-05 X=  5000.00 (M) Y=  3000.00 (M) Z=     0.00 (M) AT  85  7 22  3
MAX CONC=0.000000E+00 X= -5000.00 (M) Y= -5000.00 (M) Z=     0.00 (M) AT  85  7 22  4
MAX CONC=0.000000E+00 X= -5000.00 (M) Y= -5000.00 (M) Z=     0.00 (M) AT  85  7 22  5
MAX CONC=0.000000E+00 X= -5000.00 (M) Y= -5000.00 (M) Z=     0.00 (M) AT  85  7 22  6
MAX CONC=0.606639E+00 X= -3000.00 (M) Y= -5000.00 (M) Z=     0.00 (M) AT  85  7 22  7
MAX CONC=0.214018E+00 X= -2000.00 (M) Y= -5000.00 (M) Z=     0.00 (M) AT  85  7 22  8
MAX CONC=0.169746E+00 X= -1000.00 (M) Y= -5000.00 (M) Z=     0.00 (M) AT  85  7 22  9
MAX CONC=0.000000E+00 X= -5000.00 (M) Y= -5000.00 (M) Z=     0.00 (M) AT  85  7 22 10
MAX CONC=-.100000E+01 X= -5000.00 (M) Y= -5000.00 (M) Z=     0.00 (M) AT  85  7 22 11
MAX CONC=0.660110E+02 X=  2000.00 (M) Y= -5000.00 (M) Z=     0.00 (M) AT  85  7 22 12
MAX CONC=0.731829E+02 X=  1000.00 (M) Y= -2000.00 (M) Z=     0.00 (M) AT  85  7 22 13
MAX CONC=0.647562E+02 X=  1000.00 (M) Y= -3000.00 (M) Z=     0.00 (M) AT  85  7 22 14
MAX CONC=0.628219E+02 X=  1000.00 (M) Y= -2000.00 (M) Z=     0.00 (M) AT  85  7 22 15
MAX CONC=0.677188E+02 X=  1000.00 (M) Y= -2000.00 (M) Z=     0.00 (M) AT  85  7 22 16
MAX CONC=0.789444E+02 X=  1000.00 (M) Y= -1000.00 (M) Z=     0.00 (M) AT  85  7 22 17
MAX CONC=0.737943E+02 X=  1000.00 (M) Y=     0.00 (M) Z=     0.00 (M) AT  85  7 22 18
MAX CONC=0.628485E+02 X=  1000.00 (M) Y= -1000.00 (M) Z=     0.00 (M) AT  85  7 22 19
MAX CONC=0.599672E+02 X=  2000.00 (M) Y= -1000.00 (M) Z=     0.00 (M) AT  85  7 22 20
MAX CONC=0.582004E+02 X=  1000.00 (M) Y= -1000.00 (M) Z=     0.00 (M) AT  85  7 22 21
MAX CONC=0.669525E+02 X=  1000.00 (M) Y= -1000.00 (M) Z=     0.00 (M) AT  85  7 22 22
MAX CONC=0.510113E+02 X=  2000.00 (M) Y= -1000.00 (M) Z=     0.00 (M) AT  85  7 22 23
MAX CONC=0.126018E+01 X=  4000.00 (M) Y= -5000.00 (M) Z=     0.00 (M) AT  85  7 22 24
MAX CONC=0.000000E+00 X= -5000.00 (M) Y= -5000.00 (M) Z=     0.00 (M) AT  85  7 23  1
MAX CONC=0.137745E-04 X= -3000.00 (M) Y= -5000.00 (M) Z=     0.00 (M) AT  85  7 23  2
MAX CONC=0.000000E+00 X= -5000.00 (M) Y= -5000.00 (M) Z=     0.00 (M) AT  85  7 23  3
MAX CONC=0.000000E+00 X= -5000.00 (M) Y= -5000.00 (M) Z=     0.00 (M) AT  85  7 23  4
MAX CONC=0.000000E+00 X= -5000.00 (M) Y= -5000.00 (M) Z=     0.00 (M) AT  85  7 23  5
MAX CONC=0.000000E+00 X= -5000.00 (M) Y= -5000.00 (M) Z=     0.00 (M) AT  85  7 23  6
MAX CONC=0.000000E+00 X= -5000.00 (M) Y= -5000.00 (M) Z=     0.00 (M) AT  85  7 23  7
MAX CONC=0.000000E+00 X= -5000.00 (M) Y= -5000.00 (M) Z=     0.00 (M) AT  85  7 23  8
MAX CONC=0.000000E+00 X= -5000.00 (M) Y= -5000.00 (M) Z=     0.00 (M) AT  85  7 23  9
MAX CONC=0.000000E+00 X= -5000.00 (M) Y= -5000.00 (M) Z=     0.00 (M) AT  85  7 23 10
MAX CONC=-.100000E+01 X= -5000.00 (M) Y= -5000.00 (M) Z=     0.00 (M) AT  85  7 23 11
MAX CONC=0.000000E+00 X= -5000.00 (M) Y= -5000.00 (M) Z=     0.00 (M) AT  85  7 23 12
MAX CONC=0.970538E+02 X= -2000.00 (M) Y= -3000.00 (M) Z=     0.00 (M) AT  85  7 23 13
MAX CONC=0.797582E+02 X= -1000.00 (M) Y= -1000.00 (M) Z=     0.00 (M) AT  85  7 23 14
MAX CONC=0.732262E+02 X= -2000.00 (M) Y= -1000.00 (M) Z=     0.00 (M) AT  85  7 23 15
MAX CONC=0.759674E+02 X= -1000.00 (M) Y=     0.00 (M) Z=     0.00 (M) AT  85  7 23 16
MAX CONC=0.969521E+02 X= -1000.00 (M) Y=     0.00 (M) Z=     0.00 (M) AT  85  7 23 17
MAX CONC=0.874176E+02 X= -1000.00 (M) Y=     0.00 (M) Z=     0.00 (M) AT  85  7 23 18
MAX CONC=0.902386E+02 X=     0.00 (M) Y=  1000.00 (M) Z=     0.00 (M) AT  85  7 23 19
MAX CONC=0.838183E+02 X=     0.00 (M) Y=  1000.00 (M) Z=     0.00 (M) AT  85  7 23 20
MAX CONC=0.775419E+02 X=     0.00 (M) Y=  1000.00 (M) Z=     0.00 (M) AT  85  7 23 21
MAX CONC=0.669964E+02 X=     0.00 (M) Y=  1000.00 (M) Z=     0.00 (M) AT  85  7 23 22
MAX CONC=0.494313E+02 X=     0.00 (M) Y=  2000.00 (M) Z=     0.00 (M) AT  85  7 23 23
MAX CONC=0.262203E+02 X=  1000.00 (M) Y=  4000.00 (M) Z=     0.00 (M) AT  85  7 23 24
MAX CONC=0.000000E+00 X= -5000.00 (M) Y= -5000.00 (M) Z=     0.00 (M) AT  85  7 24  1
MAX CONC=0.000000E+00 X= -5000.00 (M) Y= -5000.00 (M) Z=     0.00 (M) AT  85  7 24  2
MAX CONC=0.000000E+00 X= -5000.00 (M) Y= -5000.00 (M) Z=     0.00 (M) AT  85  7 24  3
MAX CONC=0.000000E+00 X= -5000.00 (M) Y= -5000.00 (M) Z=     0.00 (M) AT  85  7 24  4
MAX CONC=0.000000E+00 X= -5000.00 (M) Y= -5000.00 (M) Z=     0.00 (M) AT  85  7 24  5
MAX CONC=0.000000E+00 X= -5000.00 (M) Y= -5000.00 (M) Z=     0.00 (M) AT  85  7 24  6
MAX CONC=0.000000E+00 X= -5000.00 (M) Y= -5000.00 (M) Z=     0.00 (M) AT  85  7 24  7
MAX CONC=0.000000E+00 X= -5000.00 (M) Y= -5000.00 (M) Z=     0.00 (M) AT  85  7 24  8
MAX CONC=0.000000E+00 X= -5000.00 (M) Y= -5000.00 (M) Z=     0.00 (M) AT  85  7 24  9
MAX CONC=0.000000E+00 X= -5000.00 (M) Y= -5000.00 (M) Z=     0.00 (M) AT  85  7 24 10
MAX CONC=-.100000E+01 X= -5000.00 (M) Y= -5000.00 (M) Z=     0.00 (M) AT  85  7 24 11
MAX CONC=0.000000E+00 X= -5000.00 (M) Y= -5000.00 (M) Z=     0.00 (M) AT  85  7 24 12
MAX CONC=0.000000E+00 X= -5000.00 (M) Y= -5000.00 (M) Z=     0.00 (M) AT  85  7 24 13
MAX CONC=0.741279E+02 X= -1000.00 (M) Y=  4000.00 (M) Z=     0.00 (M) AT  85  7 24 14
MAX CONC=0.750035E+02 X=     0.00 (M) Y=  2000.00 (M) Z=     0.00 (M) AT  85  7 24 15
MAX CONC=0.707833E+02 X=     0.00 (M) Y=  1000.00 (M) Z=     0.00 (M) AT  85  7 24 16
MAX CONC=0.583510E+02 X=     0.00 (M) Y=  2000.00 (M) Z=     0.00 (M) AT  85  7 24 17
MAX CONC=0.511033E+02 X=     0.00 (M) Y=  1000.00 (M) Z=     0.00 (M) AT  85  7 24 18
MAX CONC=0.318909E+02 X=     0.00 (M) Y=  3000.00 (M) Z=     0.00 (M) AT  85  7 24 19
MAX CONC=0.315808E+02 X=     0.00 (M) Y=  3000.00 (M) Z=     0.00 (M) AT  85  7 24 20
MAX CONC=0.376045E+02 X=  1000.00 (M) Y=  4000.00 (M) Z=     0.00 (M) AT  85  7 24 21
MAX CONC=0.417732E+02 X=  1000.00 (M) Y=  4000.00 (M) Z=     0.00 (M) AT  85  7 24 22
MAX CONC=0.454931E+02 X=  1000.00 (M) Y=  3000.00 (M) Z=     0.00 (M) AT  85  7 24 23
MAX CONC=0.311198E+00 X=  1000.00 (M) Y=  5000.00 (M) Z=     0.00 (M) AT  85  7 24 24
MAX CONC=0.809397E-01 X= -1000.00 (M) Y=  5000.00 (M) Z=     0.00 (M) AT  85  7 25  1
MAX CONC=0.318877E-06 X= -2000.00 (M) Y=  4000.00 (M) Z=     0.00 (M) AT  85  7 25  2
MAX CONC=0.877229E-01 X= -2000.00 (M) Y=  5000.00 (M) Z=     0.00 (M) AT  85  7 25  3
MAX CONC=0.843780E-09 X=     0.00 (M) Y=  2000.00 (M) Z=     0.00 (M) AT  85  7 25  4
MAX CONC=0.126642E-07 X=     0.00 (M) Y=  2000.00 (M) Z=     0.00 (M) AT  85  7 25  5
MAX CONC=0.969460E-03 X=  1000.00 (M) Y=  5000.00 (M) Z=     0.00 (M) AT  85  7 25  6
MAX CONC=0.188254E+01 X=  1000.00 (M) Y=  5000.00 (M) Z=     0.00 (M) AT  85  7 25  7
MAX CONC=0.433563E+01 X=  1000.00 (M) Y=  5000.00 (M) Z=     0.00 (M) AT  85  7 25  8
MAX CONC=0.457444E+01 X=  2000.00 (M) Y=  5000.00 (M) Z=     0.00 (M) AT  85  7 25  9
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MAX CONC=0.291126E+01 X=  2000.00 (M) Y=  5000.00 (M) Z=    0.00 (M) AT 85  7 25 10
MAX CONC=-.100000E+01 X= -5000.00 (M) Y= -5000.00 (M) Z=    0.00 (M) AT 85  7 25 11
MAX CONC=0.380696E+01 X=  2000.00 (M) Y=  5000.00 (M) Z=    0.00 (M) AT 85  7 25 12
MAX CONC=0.532743E+01 X=  2000.00 (M) Y=  5000.00 (M) Z=    0.00 (M) AT 85  7 25 13
MAX CONC=0.142048E+02 X=  2000.00 (M) Y=  5000.00 (M) Z=    0.00 (M) AT 85  7 25 14
MAX CONC=0.572671E+01 X=  2000.00 (M) Y=  5000.00 (M) Z=    0.00 (M) AT 85  7 25 15
MAX CONC=0.539710E+01 X=  1000.00 (M) Y=  4000.00 (M) Z=    0.00 (M) AT 85  7 25 16
MAX CONC=0.149293E+02 X=  1000.00 (M) Y=  5000.00 (M) Z=    0.00 (M) AT 85  7 25 17
MAX CONC=0.249083E+02 X=  1000.00 (M) Y=  5000.00 (M) Z=    0.00 (M) AT 85  7 25 18
MAX CONC=0.148499E+02 X=  1000.00 (M) Y=  5000.00 (M) Z=    0.00 (M) AT 85  7 25 19
MAX CONC=0.196706E+02 X=     0.00 (M) Y=  5000.00 (M) Z=    0.00 (M) AT 85  7 25 20
MAX CONC=0.438647E+02 X=     0.00 (M) Y=  3000.00 (M) Z=    0.00 (M) AT 85  7 25 21
MAX CONC=0.276063E+02 X=     0.00 (M) Y=  3000.00 (M) Z=    0.00 (M) AT 85  7 25 22
MAX CONC=0.184067E+02 X=  1000.00 (M) Y=  5000.00 (M) Z=    0.00 (M) AT 85  7 25 23
MAX CONC=-.100000E+01 X= -5000.00 (M) Y= -5000.00 (M) Z=    0.00 (M) AT 85  7 25 24
MAX CONC=0.380426E+01 X=     0.00 (M) Y=  5000.00 (M) Z=    0.00 (M) AT 85  7 26  1
MAX CONC=0.220157E+01 X=     0.00 (M) Y=  5000.00 (M) Z=    0.00 (M) AT 85  7 26  2
MAX CONC=0.504746E+00 X=  1000.00 (M) Y=  5000.00 (M) Z=    0.00 (M) AT 85  7 26  3
MAX CONC=0.366669E-01 X=  4000.00 (M) Y= -1000.00 (M) Z=    0.00 (M) AT 85  7 26  4
MAX CONC=0.431561E+00 X=  5000.00 (M) Y=  5000.00 (M) Z=    0.00 (M) AT 85  7 26  5
MAX CONC=0.104769E+01 X=  3000.00 (M) Y=  3000.00 (M) Z=    0.00 (M) AT 85  7 26  6
MAX CONC=0.409651E+00 X=  3000.00 (M) Y=  1000.00 (M) Z=    0.00 (M) AT 85  7 26  7
MAX CONC=0.640991E-01 X=     0.00 (M) Y= -2000.00 (M) Z=    0.00 (M) AT 85  7 26  8
MAX CONC=0.534219E-01 X=     0.00 (M) Y= -5000.00 (M) Z=    0.00 (M) AT 85  7 26  9
MAX CONC=0.844806E+00 X=  1000.00 (M) Y= -5000.00 (M) Z=    0.00 (M) AT 85  7 26 10
MAX CONC=-.100000E+01 X= -5000.00 (M) Y= -5000.00 (M) Z=    0.00 (M) AT 85  7 26 11
MAX CONC=-.100000E+01 X= -5000.00 (M) Y= -5000.00 (M) Z=    0.00 (M) AT 85  7 26 12
MAX CONC=0.194913E+02 X=  1000.00 (M) Y= -4000.00 (M) Z=    0.00 (M) AT 85  7 26 13
MAX CONC=0.437280E+02 X=  2000.00 (M) Y= -5000.00 (M) Z=    0.00 (M) AT 85  7 26 14
MAX CONC=0.388899E+02 X=  1000.00 (M) Y= -5000.00 (M) Z=    0.00 (M) AT 85  7 26 15
MAX CONC=0.471037E+02 X=  1000.00 (M) Y= -4000.00 (M) Z=    0.00 (M) AT 85  7 26 16
MAX CONC=0.685455E+02 X=     0.00 (M) Y= -2000.00 (M) Z=    0.00 (M) AT 85  7 26 17
MAX CONC=0.554515E+02 X= -1000.00 (M) Y= -3000.00 (M) Z=    0.00 (M) AT 85  7 26 18
MAX CONC=0.532530E+02 X= -1000.00 (M) Y= -3000.00 (M) Z=    0.00 (M) AT 85  7 26 19
MAX CONC=0.522319E+02 X= -1000.00 (M) Y= -3000.00 (M) Z=    0.00 (M) AT 85  7 26 20
MAX CONC=0.482362E+02 X= -1000.00 (M) Y= -4000.00 (M) Z=    0.00 (M) AT 85  7 26 21
MAX CONC=0.487494E+02 X= -1000.00 (M) Y= -3000.00 (M) Z=    0.00 (M) AT 85  7 26 22
MAX CONC=0.425985E+02 X= -1000.00 (M) Y= -3000.00 (M) Z=    0.00 (M) AT 85  7 26 23
MAX CONC=0.211842E+02 X= -2000.00 (M) Y= -5000.00 (M) Z=    0.00 (M) AT 85  7 26 24
MAX CONC=0.000000E+00 X= -5000.00 (M) Y= -5000.00 (M) Z=    0.00 (M) AT 85  7 27  1
MAX CONC=0.000000E+00 X= -5000.00 (M) Y= -5000.00 (M) Z=    0.00 (M) AT 85  7 27  2
MAX CONC=0.000000E+00 X= -5000.00 (M) Y= -5000.00 (M) Z=    0.00 (M) AT 85  7 27  3
MAX CONC=0.000000E+00 X= -5000.00 (M) Y= -5000.00 (M) Z=    0.00 (M) AT 85  7 27  4
MAX CONC=0.000000E+00 X= -5000.00 (M) Y= -5000.00 (M) Z=    0.00 (M) AT 85  7 27  5
MAX CONC=0.000000E+00 X= -5000.00 (M) Y= -5000.00 (M) Z=    0.00 (M) AT 85  7 27  6
MAX CONC=0.000000E+00 X= -5000.00 (M) Y= -5000.00 (M) Z=    0.00 (M) AT 85  7 27  7
MAX CONC=0.000000E+00 X= -5000.00 (M) Y= -5000.00 (M) Z=    0.00 (M) AT 85  7 27  8
MAX CONC=0.000000E+00 X= -5000.00 (M) Y= -5000.00 (M) Z=    0.00 (M) AT 85  7 27  9
MAX CONC=0.000000E+00 X= -5000.00 (M) Y= -5000.00 (M) Z=    0.00 (M) AT 85  7 27 10
MAX CONC=-.100000E+01 X= -5000.00 (M) Y= -5000.00 (M) Z=    0.00 (M) AT 85  7 27 11
MAX CONC=0.000000E+00 X= -5000.00 (M) Y= -5000.00 (M) Z=    0.00 (M) AT 85  7 27 12
MAX CONC=0.000000E+00 X= -5000.00 (M) Y= -5000.00 (M) Z=    0.00 (M) AT 85  7 27 13
MAX CONC=0.130183E+03 X= -1000.00 (M) Y= -4000.00 (M) Z=    0.00 (M) AT 85  7 27 14
MAX CONC=0.109265E+03 X=     0.00 (M) Y= -1000.00 (M) Z=    0.00 (M) AT 85  7 27 15
MAX CONC=0.893924E+02 X=     0.00 (M) Y= -1000.00 (M) Z=    0.00 (M) AT 85  7 27 16
MAX CONC=0.846615E+02 X=  1000.00 (M) Y=     0.00 (M) Z=    0.00 (M) AT 85  7 27 17
MAX CONC=0.920394E+02 X=  1000.00 (M) Y=     0.00 (M) Z=    0.00 (M) AT 85  7 27 18
MAX CONC=0.628873E+02 X=  1000.00 (M) Y= -1000.00 (M) Z=    0.00 (M) AT 85  7 27 19
MAX CONC=0.521521E+02 X= -1000.00 (M) Y= -1000.00 (M) Z=    0.00 (M) AT 85  7 27 20
MAX CONC=0.693329E+02 X= -1000.00 (M) Y= -1000.00 (M) Z=    0.00 (M) AT 85  7 27 21
MAX CONC=0.707958E+02 X= -1000.00 (M) Y= -1000.00 (M) Z=    0.00 (M) AT 85  7 27 22
MAX CONC=0.656738E+02 X= -1000.00 (M) Y= -1000.00 (M) Z=    0.00 (M) AT 85  7 27 23
MAX CONC=0.247359E+02 X= -2000.00 (M) Y= -3000.00 (M) Z=    0.00 (M) AT 85  7 27 24
MAX CONC=0.000000E+00 X= -5000.00 (M) Y= -5000.00 (M) Z=    0.00 (M) AT 85  7 28  1
MAX CONC=0.000000E+00 X= -5000.00 (M) Y= -5000.00 (M) Z=    0.00 (M) AT 85  7 28  2
MAX CONC=0.000000E+00 X= -5000.00 (M) Y= -5000.00 (M) Z=    0.00 (M) AT 85  7 28  3
MAX CONC=0.000000E+00 X= -5000.00 (M) Y= -5000.00 (M) Z=    0.00 (M) AT 85  7 28  4
MAX CONC=0.000000E+00 X= -5000.00 (M) Y= -5000.00 (M) Z=    0.00 (M) AT 85  7 28  5
MAX CONC=0.000000E+00 X= -5000.00 (M) Y= -5000.00 (M) Z=    0.00 (M) AT 85  7 28  6
MAX CONC=0.000000E+00 X= -5000.00 (M) Y= -5000.00 (M) Z=    0.00 (M) AT 85  7 28  7
MAX CONC=0.000000E+00 X= -5000.00 (M) Y= -5000.00 (M) Z=    0.00 (M) AT 85  7 28  8
MAX CONC=0.000000E+00 X= -5000.00 (M) Y= -5000.00 (M) Z=    0.00 (M) AT 85  7 28  9
MAX CONC=-.100000E+01 X= -5000.00 (M) Y= -5000.00 (M) Z=    0.00 (M) AT 85  7 28 10
MAX CONC=0.579718E-01 X=  3000.00 (M) Y=  5000.00 (M) Z=    0.00 (M) AT 85  7 28 11
MAX CONC=0.000000E+00 X= -5000.00 (M) Y= -5000.00 (M) Z=    0.00 (M) AT 85  7 28 12
MAX CONC=0.930757E+02 X=  3000.00 (M) Y=  5000.00 (M) Z=    0.00 (M) AT 85  7 28 13
MAX CONC=0.627130E+02 X=  1000.00 (M) Y=  1000.00 (M) Z=    0.00 (M) AT 85  7 28 14
MAX CONC=0.814977E+02 X=  1000.00 (M) Y=  1000.00 (M) Z=    0.00 (M) AT 85  7 28 15
MAX CONC=0.590606E+02 X=  1000.00 (M) Y=  1000.00 (M) Z=    0.00 (M) AT 85  7 28 16
MAX CONC=0.599418E+02 X=  1000.00 (M) Y=  1000.00 (M) Z=    0.00 (M) AT 85  7 28 17
MAX CONC=0.591880E+02 X=  1000.00 (M) Y=  1000.00 (M) Z=    0.00 (M) AT 85  7 28 18
MAX CONC=0.498644E+02 X=  1000.00 (M) Y=  2000.00 (M) Z=    0.00 (M) AT 85  7 28 19
MAX CONC=0.544699E+02 X=     0.00 (M) Y=  2000.00 (M) Z=    0.00 (M) AT 85  7 28 20
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MAX CONC=0.404878E+02 X= 1000.00 (M) Y= 3000.00 (M) Z=    0.00 (M) AT 05 7 28 22
MAX CONC=0.338030E+02 X=    8.00 (M) Y= 2000.00 (M) Z=    0.00 (M) AT 05 7 28 23
MAX CONC=0.375259E+01 X= 1000.00 (M) Y= 5000.00 (M) Z=    0.00 (M) AT 05 7 28 24
MAX CONC=0.291119E-05 X= 1000.00 (M) Y= 5000.00 (M) Z=    0.00 (M) AT 05 7 29  1
MAX CONC=0.448794E-05 X= 1000.00 (M) Y= 3000.00 (M) Z=    0.00 (M) AT 05 7 29  2
MAX CONC=0.000000E+00 X= -5000.00 (M) Y= -5000.00 (M) Z=    0.00 (M) AT 05 7 29  3
MAX CONC=0.000000E+00 X= -5000.00 (M) Y= -5000.00 (M) Z=    0.00 (M) AT 05 7 29  4
MAX CONC=0.000000E+00 X= -5000.00 (M) Y= -5000.00 (M) Z=    0.00 (M) AT 05 7 29  5
MAX CONC=0.000000E+00 X= -5000.00 (M) Y= -5000.00 (M) Z=    0.00 (M) AT 05 7 29  6
MAX CONC=0.000000E+00 X= -5000.00 (M) Y= -5000.00 (M) Z=    0.00 (M) AT 05 7 29  7
MAX CONC=0.000000E+00 X= -5000.00 (M) Y= -5000.00 (M) Z=    0.00 (M) AT 05 7 29  8
MAX CONC=0.000000E+00 X= -5000.00 (M) Y= -5000.00 (M) Z=    0.00 (M) AT 05 7 29  9
MAX CONC=0.000000E+00 X= -5000.00 (M) Y= -5000.00 (M) Z=    0.00 (M) AT 05 7 29 10
MAX CONC=-.100000E+01 X= -5000.00 (M) Y= -5000.00 (M) Z=    0.00 (M) AT 05 7 29 11
MAX CONC=0.102457E+01 X=  3000.00 (M) Y=  3000.00 (M) Z=    0.00 (M) AT 05 7 29 12
MAX CONC=0.000000E+00 X= -5000.00 (M) Y= -5000.00 (M) Z=    0.00 (M) AT 05 7 29 13
MAX CONC=0.134837E+03 X=  4000.00 (M) Y=  5000.00 (M) Z=    0.00 (M) AT 05 7 29 14
MAX CONC=0.994151E+02 X=  1000.00 (M) Y=  1000.00 (M) Z=    0.00 (M) AT 05 7 29 15
MAX CONC=0.866826E+02 X=  1000.00 (M) Y=  1000.00 (M) Z=    0.00 (M) AT 05 7 29 16
MAX CONC=0.635021E+02 X=  1000.00 (M) Y=  1000.00 (M) Z=    0.00 (M) AT 05 7 29 17
MAX CONC=0.622836E+02 X=  2000.00 (M) Y=  1000.00 (M) Z=    0.00 (M) AT 05 7 29 18
MAX CONC=0.621754E+02 X=  1000.00 (M) Y=  1000.00 (M) Z=    0.00 (M) AT 05 7 29 19
MAX CONC=0.771770E+02 X=  1000.00 (M) Y=  1000.00 (M) Z=    0.00 (M) AT 05 7 29 20
MAX CONC=0.815246E+02 X=  1000.00 (M) Y=  1000.00 (M) Z=    0.00 (M) AT 05 7 29 21
MAX CONC=0.729360E+02 X=  1000.00 (M) Y=  1000.00 (M) Z=    0.00 (M) AT 05 7 29 22
MAX CONC=0.391228E+02 X= -1000.00 (M) Y= -3000.00 (M) Z=    0.00 (M) AT 05 7 29 23
MAX CONC=0.163737E+02 X= -2000.00 (M) Y= -5000.00 (M) Z=    0.00 (M) AT 05 7 29 24
MAX CONC=0.105056E+01 X= -3000.00 (M) Y= -5000.00 (M) Z=    0.00 (M) AT 05 7 30  1
MAX CONC=0.899000E+00 X= -3000.00 (M) Y= -5000.00 (M) Z=    0.00 (M) AT 05 7 30  2
MAX CONC=0.417846E+00 X= -3000.00 (M) Y= -5000.00 (M) Z=    0.00 (M) AT 05 7 30  3
MAX CONC=0.134867E+00 X= -3000.00 (M) Y= -5000.00 (M) Z=    0.00 (M) AT 05 7 30  4
MAX CONC=0.362309E+00 X= -3000.00 (M) Y= -5000.00 (M) Z=    0.00 (M) AT 05 7 30  5
MAX CONC=0.000000E+00 X= -5000.00 (M) Y= -5000.00 (M) Z=    0.00 (M) AT 05 7 30  6
MAX CONC=0.000000E+00 X= -5000.00 (M) Y= -5000.00 (M) Z=    0.00 (M) AT 05 7 30  7
MAX CONC=0.000000E+00 X= -5000.00 (M) Y= -5000.00 (M) Z=    0.00 (M) AT 05 7 30  8
MAX CONC=0.000000E+00 X= -5000.00 (M) Y= -5000.00 (M) Z=    0.00 (M) AT 05 7 30  9
MAX CONC=0.392401E+00 X=     0.00 (M) Y= -2000.00 (M) Z=    0.00 (M) AT 05 7 30 10
MAX CONC=-.100000E+01 X= -5000.00 (M) Y= -5000.00 (M) Z=    0.00 (M) AT 05 7 30 11
MAX CONC=0.000000E+00 X= -5000.00 (M) Y= -5000.00 (M) Z=    0.00 (M) AT 05 7 30 12
MAX CONC=0.857742E+02 X= -5000.00 (M) Y= -5000.00 (M) Z=    0.00 (M) AT 05 7 30 13
MAX CONC=0.605651E+02 X= -5000.00 (M) Y= -5000.00 (M) Z=    0.00 (M) AT 05 7 30 14
MAX CONC=0.567911E+02 X= -4000.00 (M) Y= -4000.00 (M) Z=    0.00 (M) AT 05 7 30 15
MAX CONC=0.459536E+02 X= -4000.00 (M) Y= -5000.00 (M) Z=    0.00 (M) AT 05 7 30 16
MAX CONC=0.453522E+02 X= -1000.00 (M) Y= -3000.00 (M) Z=    0.00 (M) AT 05 7 30 17
MAX CONC=0.463921E+02 X= -1000.00 (M) Y= -5000.00 (M) Z=    0.00 (M) AT 05 7 30 18
MAX CONC=0.331627E+02 X= -1000.00 (M) Y= -5000.00 (M) Z=    0.00 (M) AT 05 7 30 19
MAX CONC=0.425317E+02 X= -1000.00 (M) Y= -4000.00 (M) Z=    0.00 (M) AT 05 7 30 20
MAX CONC=0.396946E+02 X= -2000.00 (M) Y= -4000.00 (M) Z=    0.00 (M) AT 05 7 30 21
MAX CONC=0.331953E+02 X= -2000.00 (M) Y= -5000.00 (M) Z=    0.00 (M) AT 05 7 30 22
MAX CONC=0.244386E+02 X= -2000.00 (M) Y= -5000.00 (M) Z=    0.00 (M) AT 05 7 30 23
MAX CONC=0.280827E+00 X= -2000.00 (M) Y= -5000.00 (M) Z=    0.00 (M) AT 05 7 30 24
MAX CONC=0.121199E+01 X= -2000.00 (M) Y= -4000.00 (M) Z=    0.00 (M) AT 05 7 31  1
MAX CONC=0.315523E+00 X= -1000.00 (M) Y= -2000.00 (M) Z=    0.00 (M) AT 05 7 31  2
MAX CONC=0.100447E+00 X= -1000.00 (M) Y= -1000.00 (M) Z=    0.00 (M) AT 05 7 31  3
MAX CONC=0.510582E-06 X=     0.00 (M) Y= -1000.00 (M) Z=    0.00 (M) AT 05 7 31  4
MAX CONC=0.000000E+00 X= -5000.00 (M) Y= -5000.00 (M) Z=    0.00 (M) AT 05 7 31  5
MAX CONC=0.540118E-06 X= -1000.00 (M) Y=     0.00 (M) Z=    0.00 (M) AT 05 7 31  6
MAX CONC=0.265115E-12 X= -1000.00 (M) Y=  1000.00 (M) Z=    0.00 (M) AT 05 7 31  7
MAX CONC=0.772109E+00 X= -3000.00 (M) Y=  1000.00 (M) Z=    0.00 (M) AT 05 7 31  8
MAX CONC=0.114235E+01 X= -4000.00 (M) Y=  1000.00 (M) Z=    0.00 (M) AT 05 7 31  9
MAX CONC=0.427506E-01 X= -4000.00 (M) Y=  1000.00 (M) Z=    0.00 (M) AT 05 7 31 10
MAX CONC=-.100000E+01 X= -5000.00 (M) Y= -5000.00 (M) Z=    0.00 (M) AT 05 7 31 11
MAX CONC=0.231334E+00 X= -2000.00 (M) Y= -1000.00 (M) Z=    0.00 (M) AT 05 7 31 12
MAX CONC=0.000000E+00 X= -5000.00 (M) Y= -5000.00 (M) Z=    0.00 (M) AT 05 7 31 13
MAX CONC=0.000000E+00 X= -5000.00 (M) Y= -5000.00 (M) Z=    0.00 (M) AT 05 7 31 14
MAX CONC=0.000000E+00 X= -5000.00 (M) Y= -5000.00 (M) Z=    0.00 (M) AT 05 7 31 15
MAX CONC=0.000000E+00 X= -5000.00 (M) Y= -5000.00 (M) Z=    0.00 (M) AT 05 7 31 16
MAX CONC=0.000000E+00 X= -5000.00 (M) Y= -5000.00 (M) Z=    0.00 (M) AT 05 7 31 17
MAX CONC=0.311619E+00 X= -4000.00 (M) Y= -5000.00 (M) Z=    0.00 (M) AT 05 7 31 18
MAX CONC=0.154352E+00 X= -3000.00 (M) Y= -5000.00 (M) Z=    0.00 (M) AT 05 7 31 19
MAX CONC=0.000000E+00 X= -5000.00 (M) Y= -5000.00 (M) Z=    0.00 (M) AT 05 7 31 20
MAX CONC=-.100000E+01 X= -5000.00 (M) Y= -5000.00 (M) Z=    0.00 (M) AT 05 7 31 21
MAX CONC=-.100000E+01 X= -5000.00 (M) Y= -5000.00 (M) Z=    0.00 (M) AT 05 7 31 22
MAX CONC=-.100000E+01 X= -5000.00 (M) Y= -5000.00 (M) Z=    0.00 (M) AT 05 7 31 23
MAX CONC=-.100000E+01 X= -5000.00 (M) Y= -5000.00 (M) Z=    0.00 (M) AT 05 7 31 24
```

APPENDIX C

1985 Regional SO_2 Background for Lambton Industrial Area

DAY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	MEAN
1	5.	5.	5.	5.	5.	5.	5.	5.	5.	5.	5.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	5.
2	-999.	-999.	5.	2.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.
3	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	6.	6.	6.	-999.	-999.	-999.	-999.	6.
4	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.
5	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.
6	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	0.	11.	22.	30.	39.	41.	38.	41.	-999.	22.	0.	14.	22.	27.	27.	32.	25.
7	35.	35.	32.	32.	22.	27.	19.	22.	19.	16.	19.	19.	19.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	24.
8	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.
9	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	1.	1.	1.	1.	1.
10	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.	10.
11	3.	3.	3.	3.	3.	3.	3.	3.	3.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	3.
12	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.
13	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.
14	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.
15	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.
16	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.
17	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	27.	-999.	-999.	-999.
18	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.
19	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.
20	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.
21	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.
22	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
23	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
24	27.	30.	0.	0.	0.	0.	16.	14.	19.	-999.	24.	32.	41.	0.	19.	0.	16.	3.	0.	3.	0.	0.	0.	0.	11.
25	0.	0.	0.	0.	0.	0.	22.	74.	22.	22.	0.	0.	0.	0.	0.	0.	26.	26.	26.	26.	26.	26.	26.	26.	14.
26	26.	26.	0.	26.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	5.	19.	41.	91.	49.	57.	49.	15.
27	100.	62.	91.	57.	57.	54.	62.	76.	89.	81.	68.	73.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	25.
28	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	-999.	0.	0.	0.	0.	26.	26.	26.	26.	92.	92.	92.	11.
29	26.	26.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	-999.	3.	0.	0.	0.	0.	0.	0.	0.	0.	2.
30	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	-999.	16.	3.	11.	49.	49.	49.	49.	49.	12.
31	91.	91.	91.	91.	91.	91.	91.	91.	91.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	-999.	20.
32	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.
33	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.
34	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	0.	0.	0.	0.	0.	0.	0.	0.	-999.	-999.	11.	0.	-999.	-999.	2.
35	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	16.	19.	19.	16.	-999.	38.	0.	3.	16.
36	6.	6.	6.	6.	6.	6.	6.	6.	6.	6.	6.	6.	6.	6.	6.	6.	6.	6.	6.	6.	6.	6.	6.	6.	6.
37	13.	13.	13.	13.	13.	13.	13.	13.	13.	13.	13.	13.	13.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	13.
38	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	2.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.
39	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.
40	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	0.	0.	0.	0.
41	5.	-999.	-999.	-999.	-999.	-999.	-999.	0.	14.	3.	14.	11.	0.	3.	8.	8.	11.	11.	27.	27.	27.	27.	27.	27.	17.
42	44.	44.	44.	44.	44.	44.	44.	44.	44.	44.	44.	44.	70.	44.	44.	44.	44.	44.	44.	44.	44.	44.	44.	44.	46.
43	6.	6.	6.	6.	6.	6.	6.	6.	6.	6.	6.	6.	131.	105.	131.	6.	6.	6.	6.	6.	6.	6.	6.	6.	21.
44	12.	105.	79.	105.	105.	131.	131.	131.	131.	105.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	131.	131.	105.	105.	105.	131.	131.	110.
45	105.	131.	131.	105.	105.	105.	105.	105.	105.	105.	92.	-999.	-999.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	92.
46	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	-999.	-999.	0.	0.	0.
47	0.	26.	26.	52.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	0.	0.	17.
48	0.	0.	0.	0.	-999.	-999.	0.	0.	0.	0.	0.	-999.	0.	0.	0.	0.	0.	0.	0.	0.	0.	26.	0.	0.	1.
49	0.	0.	0.	0.	0.	26.	26.	26.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	0.	0.	6.
50	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	-999.	-999.	-999.	-999.	-999.	-999.	0.
51	-999.	-999.	-999.	-999.	-999.	-999.	0.	0.	0.	26.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	7.
52	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	27.	27.	27.	27.	27.	27.	27.	27.
53	27.	27.	27.	27.	27.	0.	27.	27.	27.	27.	27.	27.	0.	0.	-999.	0.	0.	0.	0.	0.	0.	0.	0.	0.	13.
54	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	-999.	0.	0.	0.	0.	0.	0.	27.	27.	2.
55	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	52.	2.
56	52.	26.	26.	0.	0.	0.	26.	26.	0.	0.	54.	0.	0.	0.	0.	0.	0.	0.	-999.	0.	0.	0.	0.	0.	9.
57	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	-999.	0.	0.	0.	0.	0.
58	0.	0.	0.	0.	26.	26.	52.	26.	26.	26.	26.	26.	26.	52.	52.	52.	26.	26.	26.	26.	26.	52.	52.	26.	28.
59	0.	52.	105.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	11.
60	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	5.	14.	14.	22.	19.	52.	52.	26.	26.	26.	26.	26.
61	26.	79.	79.	52.	26.	26.	26.	26.	26.	26.	26.	26.	26.	26.	26.	26.	26.	26.	1.	1.	1.	1.	1.	1.	25.
62	9.	9.	9.	9.	9.	9.	9.	9.	9.	9.	9.	9.	9.	9.	9.	9.	9.	9.	9.	9.	9.	9.	9.	9.	9.
63	11.	11.	11.	11.	11.	11.	11.	11.	11.	11.	11.	11.	11.	11.	11.	11.	-999.	-999.	-999.	-999.	-999.	0.	0.	0.	9.
64	0.	52.	52.	52.	26.	26.	26.	26.	26.	26.	26.	-999.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	15.
65	0.	0.	0.	0.	0.	5.	5.	30.	0.	11.	27.	65.	127.	62.	11.	3.	3.	0.	3.	5.	5.	5.	11.	14.	16.
66	-999.	8.	8.	16.	14.	22.	24.	24.	35.	59.	59.	59.	41.	41.	38.	24.	14.	14.	14.	14.	16.	19.	19.	16.	26.
67	0.	26.	26.	26.	26.	26.	26.	26.	26.	26.	26.	-999.	0.	0.	0.	0.	0.	0.	26.	26.	26.	0.	0.	0.	16.
68	8.	8.	8.	8.	3.	0.	0.	0.	3.	5.	8.	26.	26.	0.	0.	0.	0.	26.	0.	26.	26.	26.	26.	26.	12.
69	0.	26.	26.	26.	26.	26.	26.	26.	26.	26.	26.	0.	27.	19.	24.	22.	16.	11.	11.	11.	0.	11.	14.	11.	18.
70	11.	14.	16.	14.	-999.	0.	0.	0.	0.	0.	0.	0.	0.	16.	5.	5.	11.	3.	5.	3.	0.	0.	0.	0.	6.
71	0.	3.	26.	26.	26.	26.	26.	26.	26.	26.	0.	0.	0.	0.	0.	0.	0.	26.	26.	26.	26.	26.	26.	26.	16.
72	26.	26.	26.	26.	26.	0.	0.	26.	26.	26.	0.	5.	32.	24.	22.	22.	16.	0.	11.	14.	16.	14.	0.	0.	16.
73	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
74	26.	26.	0.	0.	26.	26.	0.	0.	26.	26.	26.	26.	26.	26.	52.	26.	26.	0.	1.	1.	0.	0.	0.	0.	15.

75	0.	3.	6.	6.	6.	6.	9.	11.	14.	-999.	19.	8.	16.	34.	19.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	5.
76	0.	0.	0.	0.	0.	0.	36.	36.	36.	26.	26.	26.	0.	0.	0.	0.	0.	26.	0.	26.	26.	26.	26.	26.	26.	26.	13.
77	32.	26.	26.	26.	26.	7.	7.	9.	36.	7.	32.	26.	52.	26.	26.	26.	26.	26.	26.	0.	5.	11.	14.	16.	16.	16.	22.
78	16.	16.	14.	11.	11.	14.	14.	19.	36.	35.	41.	38.	-999.	3.	0.	-999.	0.	0.	27.	0.	0.	0.	0.	0.	0.	0.	13.
79	36.	0.	0.	0.	0.	0.	0.	0.	36.	36.	0.	0.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	4.
80	6.	6.	36.	6.	6.	6.	6.	6.	6.	6.	6.	6.	6.	6.	6.	6.	6.	6.	0.	0.	6.	6.	6.	6.	6.	6.	6.
81	11.	11.	11.	11.	11.	11.	11.	11.	11.	11.	11.	11.	11.	11.	11.	11.	11.	11.	11.	11.	11.	11.	11.	11.	11.	11.	11.
82	8.	8.	8.	8.	8.	8.	8.	8.	8.	8.	8.	8.	8.	8.	8.	8.	8.	8.	8.	8.	8.	8.	8.	8.	8.	8.	8.
83	3.	3.	3.	3.	3.	3.	3.	3.	3.	3.	3.	3.	3.	3.	3.	3.	3.	3.	3.	3.	3.	3.	3.	3.	3.	3.	3.
84	9.	9.	9.	9.	9.	9.	9.	9.	9.	9.	9.	9.	9.	9.	9.	9.	9.	9.	9.	9.	9.	9.	9.	9.	9.	9.	3.
85	11.	11.	8.	8.	5.	5.	5.	5.	14.	49.	27.	22.	22.	49.	32.	22.	19.	16.	11.	-999.	0.	0.	0.	0.	0.	0.	8.
86	0.	0.	5.	5.	8.	8.	14.	19.	19.	19.	19.	16.	3.	8.	11.	11.	3.	26.	26.	0.	0.	26.	26.	0.	0.	0.	15.
87	19.	22.	22.	32.	36.	27.	24.	22.	27.	73.	26.	-999.	0.	0.	7.	7.	7.	7.	7.	7.	7.	7.	7.	7.	7.	7.	17.
88	5.	0.	11.	16.	19.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	5.	5.	5.	5.	5.	5.	5.	5.	5.	5.	4.
89	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.
90	3.	3.	3.	3.	3.	3.	3.	3.	3.	3.	3.	3.	3.	3.	3.	5.	5.	11.	14.	0.	0.	0.	5.	8.	4.		
91	-999.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
92	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	-999.	0.	0.	0.	0.	0.	0.	0.	0.	5.	3.	3.	0.	3.	1.	
93	3.	3.	3.	-999.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	5.	1.	
94	0.	0.	0.	0.	-999.	0.	0.	0.	0.	0.	3.	5.	9.	9.	9.	9.	9.	9.	9.	9.	9.	9.	9.	9.	9.	5.	
95	9.	9.	9.	9.	0.	-999.	0.	0.	0.	0.	8.	0.	3.	5.	3.	3.	3.	0.	0.	3.	3.	5.	3.	0.	3.		
96	11.	8.	0.	0.	0.	0.	-999.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.		
97	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		
98	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	2.		
99	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	3.	3.	3.	3.	3.	3.	3.	3.	0.	0.	0.	1.		
100	26.	26.	26.	32.	-999.	27.	27.	27.	27.	27.	-999.	0.	0.	0.	0.	14.	14.	14.	-999.	-999.	-999.	-999.	-999.	-999.	19.		
101	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	3.	3.	3.	3.	3.	3.	3.	3.	3.	3.	3.	3.	3.	3.		
102	31.	0.	0.	0.	31.	31.	31.	31.	31.	31.	31.	31.	-999.	0.	0.	31.	31.	31.	31.	31.	31.	31.	31.	31.	24.		
103	13.	13.	13.	13.	13.	13.	13.	13.	13.	13.	14.	14.	14.	-999.	0.	0.	0.	0.	0.	13.	14.	13.	14.	13.	10.		
104	14.	14.	0.	0.	0.	0.	0.	14.	14.	14.	14.	14.	14.	19.	-999.	0.	0.	0.	0.	0.	14.	14.	14.	14.	8.		
105	0.	14.	14.	14.	14.	14.	14.	27.	14.	27.	27.	27.	14.	14.	41.	-999.	0.	0.	0.	0.	0.	0.	27.	27.	14.		
106	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	3.	3.	3.	3.	3.	3.	3.	3.	3.	3.	3.	3.	3.	3.	2.		
107	12.	12.	12.	12.	12.	12.	12.	12.	12.	0.	0.	0.	0.	0.	0.	0.	0.	0.	-999.	0.	0.	0.	12.	0.	0.	5.	
108	0.	0.	0.	0.	0.	0.	0.	0.	14.	27.	27.	27.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	11.	11.	6.	
109	9.	9.	0.	0.	0.	0.	0.	0.	0.	0.	0.	-999.	0.	14.	0.	0.	0.	14.	14.	-999.	0.	0.	0.	0.	0.	3.	
110	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	27.	27.	27.	27.	27.	0.	0.	0.	0.	0.	-999.	0.	0.	0.	0.	6.	
111	0.	0.	0.	0.	0.	0.	0.	0.	0.	14.	0.	0.	27.	27.	27.	27.	27.	27.	27.	27.	0.	0.	-999.	0.	0.	9.	
112	0.	0.	0.	14.	0.	0.	0.	36.	0.	0.	54.	41.	41.	27.	14.	108.	27.	0.	0.	0.	0.	0.	-999.	0.	0.	15.	
113	0.	0.	0.	14.	0.	0.	14.	27.	27.	54.	27.	27.	27.	27.	0.	0.	0.	0.	0.	0.	0.	0.	27.	27.	-999.	13.	
114	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	27.	14.	14.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	2.	
115	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	-999.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	
116	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	
117	3.	3.	3.	3.	3.	3.	3.	3.	3.	3.	3.	3.	0.	0.	3.	3.	3.	3.	3.	5.	5.	5.	5.	5.	5.	1.	
118	9.	9.	9.	9.	9.	9.	9.	9.	9.	9.	9.	9.	9.	9.	9.	9.	9.	9.	9.	9.	9.	9.	3.	3.	3.	2.	
119	6.	6.	6.	6.	6.	6.	-999.	6.	6.	-999.	-999.	0.	0.	-999.	0.	81.	0.	0.	0.	0.	0.	0.	0.	0.	0.	7.	
120	0.	0.	0.	0.	0.	-999.	0.	0.	0.	27.	54.	-999.	0.	0.	27.	27.	27.	27.	27.	27.	27.	27.	41.	0.	15.		
121	0.	0.	6.	6.	6.	6.	6.	6.	6.	4.	4.	4.	4.	4.	4.	4.	4.	4.	4.	4.	4.	4.	4.	4.	4.		
122	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.		
123	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	0.	0.	1.	1.	1.	1.	1.	1.	1.	1.	1.	14.	14.	27.	3.		
124	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	14.	0.	0.	0.	0.	0.	1.		
125	0.	0.	14.	14.	14.	14.	14.	14.	14.	0.	-999.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	4.		
126	0.	0.	0.	6.	6.	6.	6.	6.	6.	6.	6.	6.	6.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	3.		
127	0.	0.	0.	0.	0.	0.	0.	0.	0.	6.	6.	0.	-999.	27.	0.	0.	0.	0.	0.	0.	0.	0.	-999.	6.	2.		
128	0.	0.	0.	0.	0.	0.	0.	0.	0.	-999.	8.	8.	8.	8.	8.	8.	8.	8.	8.	8.	8.	8.	0.	7.			
129	0.	0.	0.	0.	0.	0.	0.	0.	0.	14.	27.	54.	54.	27.	-999.	14.	0.	0.	0.	0.	0.	0.	0.	14.	9.		
130	14.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	27.	-999.	0.	0.	0.	0.	0.	0.	0.	0.	2.		
131	0.	0.	0.	0.	0.	0.	0.	27.	54.	27.	27.	14.	0.	0.	0.	0.	-999.	0.	0.	0.	0.	0.	0.	0.	6.		
132	0.	0.	0.	0.	0.	0.	0.	0.	0.	27.	27.	27.	0.	27.	0.	27.	27.	-999.	0.	0.	0.	0.	0.	0.	-999.	7.	
133	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	2.	-999.	
134	32.	32.	32.	32.	32.	32.	32.	32.	32.	32.	32.	0.	0.	0.	14.	32.	32.	32.	32.	32.	-999.	0.	32.	32.	32.	25.	
135	9.	9.	9.	9.	9.	9.	9.	14.	0.	0.	0.	0.	0.	0.	14.	27.	54.	27.	14.	0.	-999.	0.	-999.	-999.	10.		
136	-999.	-999.	-999.	-999.	0.	0.	0.	0.	14.	-999.	0.	14.	14.	0.	0.	0.	0.	0.	0.	0.	0.	-999.	3.	3.	3.		
137	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	0.	0.	0.	1.		
138	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	8.	8.	8.	8.	8.	8.	8.	8.	8.	8.	8.	0.	-999.	4.		
139	0.	0.	0.	0.	0.	36.	36.	36.	27.	27.	14.	0.	27.	14.	14.	0.	0.	0.	0.	0.	0.	0.	0.	26.	9.		
140	-999.	0.	0.	0.	0.	0.	0.	14.	14.	27.	27.	14.	26.	26.	26.	26.	26.	26.	26.	26.	26.	2.	2.	16.			
141	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.			
142	6.	6.	6.	6.	6.	0.	6.	6.	6.	4.	4.	4.	4.	4.	4.	4.	4.	4.	4.	4.	4.	4.	4.	3.			
143	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.	3.	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.			
144	3.	3.	3.	3.	3.	3.	3.	3.	3.	0.	0.	0.	27.	14.	0.	0.	0.	0.	0.	0.	0.	0.	0.	3.			
145	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	2.	2.	2.	2.	2.	1.			
146	3.	3.	3.	3.	0.	3.	-999.	0.	0.	0.	0.	0.	0.	0.	14.	0.	14.	14.	14.	27.	0.	0.	3.	3.	4.		
147	14.	0.	0.	0.	0.	0.	0.	0.	36.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	2.		
148	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.	-999.	0.	2.	2.	2.		
149	4.	4.	4.	4.	4.	4.	4.	4.	4.	4.	4.	-999.	-999.	-999.	-999.	-999.	-999.	0.	-999.	-999.	-999.	-999.	-999.	-999.	4.		
150	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.		
151	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.		
152	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		
153	0.	-999.	-999.	-999.	0.	0.	0.	0.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.		
154	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.		
155	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.	3.	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.		
156	3.	3.	3.	3.	3.	3.	3.	3.	3.	3.	3.	3.	-999.	3.	3.	0.	0.	0.	0.	0.	0.	0.	3.	3.	2.		
157	2.	2.	2.	2.	2.	2.	2.	2.	0.	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.		
158	12.	12.	14.	14.	12.	12.	12.	12.	27.	27.	54.	27.	14.	14.	0.	0.	0.	27.	-999.	0.	0.	12.	0.	0.	13.		

159	0.	0.	0.	0.	0.	27.	14.	14.	27.	27.	27.	0.	0.	0.	0.	0.	0.	0.	0.	-999.	0.	0.	0.	0.	0.	
160	0.	0.	0.	0.	0.	0.	0.	0.	14.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	6.
161	0.	0.	1.	1.	1.	1.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.
162	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.	1.	1.	1.	0.	
163	1.	1.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	
164	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.	1.	1.	1.	1.	1.	0.	0.	0.	0.	0.	
165	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	26.	0.	0.	-999.	0.	0.	0.	0.	0.	1.	1.	1.	1.	1.	1.	
166	0.	-999.	0.	0.	0.	0.	0.	0.	14.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.	
167	14.	14.	-999.	0.	0.	0.	0.	0.	0.	14.	14.	14.	14.	0.	0.	0.	0.	0.	0.	14.	14.	14.	9.	0.	0.	0.
168	-999.	-999.	-999.	-999.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	-999.	-999.	-999.	-999.	-999.	-999.
169	-999.	-999.	0.	0.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	14.	-999.	-999.	-999.	0.	-999.	-999.	-999.
170	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.
171	0.	0.	0.	0.	0.	0.	0.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
172	0.	0.	0.	0.	0.	0.	0.	-999.	0.	0.	0.	0.	0.	0.	27.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
173	0.	70.	0.	0.	0.	0.	14.	14.	-999.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.
174	0.	0.	0.	0.	0.	0.	0.	0.	0.	-999.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	4.
175	2.	2.	2.	2.	2.	0.	0.	0.	0.	2.	2.	0.	27.	54.	27.	14.	0.	0.	0.	0.	0.	0.	0.	0.	4.	0.
176	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	6.
177	4.	4.	4.	4.	4.	4.	4.	4.	4.	4.	4.	4.	4.	4.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
178	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.	52.	4.	4.	4.	4.	4.	4.	4.	9.	0.	6.	
179	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	2.	2.	2.	2.	2.	2.	3.	
180	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	
181	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	
182	21.	21.	21.	21.	21.	21.	21.	21.	21.	21.	21.	21.	21.	21.	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.	
183	0.	0.	0.	0.	0.	0.	0.	0.	0.	14.	27.	27.	54.	0.	0.	0.	0.	0.	0.	-999.	0.	0.	0.	0.	0.	16.
184	0.	0.	0.	0.	0.	3.	3.	3.	3.	0.	0.	-999.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	5.
185	0.	0.	0.	0.	0.	0.	0.	14.	14.	14.	14.	14.	0.	0.	14.	0.	0.	0.	0.	0.	-999.	0.	0.	0.	0.	1.
186	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	-999.	0.	0.	0.	0.	4.
187	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	-999.	0.	0.	0.	0.
188	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	
189	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	-999.	0.	
190	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.	1.	1.	1.	1.	1.	1.	0.	1.	1.	1.	
191	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	
192	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	
193	0.	0.	1.	-999.	1.	1.	1.	-999.	0.	1.	1.	1.	1.	0.	1.	1.	1.	1.	0.	1.	1.	0.	0.	0.	6.	
194	0.	0.	0.	0.	-999.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.	1.	0.	0.	0.	1.	
195	14.	14.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	14.	14.	0.	0.	14.	14.	14.	14.	14.	14.	14.	9.	
196	0.	0.	0.	0.	0.	0.	-999.	0.	0.	8.	0.	8.	-999.	-999.	0.	8.	8.	8.	8.	8.	8.	8.	0.	0.	1.	
197	0.	0.	0.	0.	0.	0.	0.	0.	0.	8.	0.	0.	0.	8.	8.	8.	8.	8.	8.	8.	8.	0.	0.	0.	3.	
198	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	4.	
199	5.	5.	5.	5.	5.	5.	5.	5.	0.	-999.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.	1.	0.	
200	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	2.	
201	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	
202	3.	3.	3.	5.	3.	3.	5.	5.	5.	5.	5.	5.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	
203	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	3.	2.	
204	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	
205	3.	3.	5.	5.	5.	5.	11.	14.	19.	32.	35.	35.	57.	92.	70.	-999.	5.	0.	0.	0.	0.	0.	0.	0.	0.	
206	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	3.	11.	14.	3.	0.	0.	-999.	0.	0.	0.	3.	8.	0.	0.	17.	
207	-999.	-999.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	2.	
208	1.	0.	0.	0.	0.	0.	0.	0.	1.	1.	0.	0.	0.	0.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	0.	
209	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	
210	0.	0.	0.	0.	0.	0.	0.	0.	3.	19.	11.	5.	3.	0.	0.	0.	11.	8.	5.	-999.	0.	0.	0.	0.	3.	
211	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	-999.	-999.	0.	0.	0.	0.	2.	2.	2.	2.	2.	2.	1.	
212	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	0.	
213	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	
214	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	
215	2.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	26.	52.	0.	26.	0.	0.	0.	0.	0.	0.	0.	4.	
216	5.	-999.	0.	0.	0.	0.	0.	0.	0.	0.	5.	27.	22.	19.	32.	38.	41.	41.	41.	41.	41.	35.	30.	22.	14.	13.
217	8.	3.	-999.	0.	0.	0.	0.	0.	0.	0.	11.	14.	3.	32.	8.	11.	5.	3.	0.	0.	0.	0.	0.	0.	3.	4.
218	5.	8.	8.	-999.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	3.	3.	0.	0.	0.	0.	0.	1.	
219	0.	3.	3.	5.	-999.	0.	0.	0.	0.	0.	0.	3.	14.	16.	16.	16.	41.	32.	0.	22.	0.	0.	0.	0.	7.	
220	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	27.	35.	38.	41.	41.	43.	46.	41.	38.	0.	0.	15.	
221	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	54.	30.	41.	57.	59.	68.	73.	70.	76.	68.	57.	51.	43.	32.	32.	
222	22.	16.	5.	5.	3.	3.	5.	-999.	0.	0.	16.	19.	68.	65.	51.	0.	0.	0.	0.	6.	6.	6.	6.	6.	13.	
223	1.	1.	1.	1.	0.	0.	0.	0.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	
224	6.	6.	6.	6.	6.	6.	6.	6.	6.	-999.	0.	0.	0.	0.	0.	0.	0.	6.	6.	11.	11.	11.	3.	0.	0.	4.
225	0.	0.	0.	0.	0.	0.	3.	5.	16.	0.	0.	14.	3.	3.	11.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	2.
226	0.	0.	0.	11.	5.	3.	0.	0.	0.	0.	0.	-999.	0.	0.	0.	3.	8.	14.	14.	14.	14.	14.	11.	8.	5.	
227	30.	3.	1.	1.	0.	0.	0.	0.	1.	1.	0.	1.	1.	1.	1.	1.	1.	0.	1.	1.	1.	1.	1.	1.	2.	
228	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	8.	0.	0.	11.	5.	0.	1.
229	0.	6.	6.	6.	6.	6.	6.	6.	6.	0.	0.	3.	3.	3.	6.	6.	6.	0.	5.	8.	8.	8.	3.	3.	5.	
230	0.	0.	0.	0.	0.	0.	0.	3.	11.	22.	14.	22.	5.	0.	5.	-999.	0.	0.	0.	0.	0.	0.	0.	0.	4.	
231	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	
232	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	
233	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	
234	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	-999.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	
235	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.	9.	
236	8.	8.	8.	8.	8.	8.	8.	0.	0.	0.	0.	5.	8.	8.	11.	14.	14.	8.	8.	8.	5.	8.	8.	8.	7.	
237	2.	2.	2.	2.	0.	2.	2.	2.	2.	2.	2.	2.	0.	0.	0.	3.	5.	0.	2.	2.	2.	2.	2.	0.	1.	
238	3.	3.	3.	3.	3.	3.	3.	3.	3.	26.	26.	3.	26.	26.	26.	26.	26.	26.	26.	26.	26.	26.	26.	0.	15.	
239	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	
240	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	
241	6.	-999.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	6.	6.	6.	6.	6.	6.	6.	3.	2.	
242	11.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	-999.	-999.	16.	3.	3.	11.	11.	11.	14.	16.	14.	11.
																										6.
																										1.

243	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	0.	0.	0.	1.	1.
244	5.	5.	5.	0.-999.	0.	0.	0.	0.	0.	11.	16.	11.	11.	3.	3.	3.	3.	3.	22.	0.	3.	5.	3.	5.	5.
245	0.	0.	0.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	0.	1.
246	0.	0.	0.	0.	0.	0.-999.	0.	0.	5.	5.	0.	0.	11.	16.	16.	22.	22.	24.	24.	19.	16.	16.	0.	9.	
247	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	5.	0.	14.	0.	0.	0.	0.	0.	0.	0.	0.	1.
248	0.	0.	5.	3.	3.	0.	5.	0.-999.	3.	5.	0.	14.	11.	11.	11.	16.	16.	16.	0.	0.	5.	0.	0.	0.	1.
249	0.	0.	0.	0.	0.	0.	0.	0.	0.-999.	0.	0.	0.	0.	0.	0.	0.	0.	0.	5.	5.	0.	5.	3.	1.	
250	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	3.	5.	22.	38.	49.	0.	0.	46.	41.	38.	32.	0.	7.	13.	
251	0.	0.	3.	0.	0.	0.	0.	0.	3.	5.	3.-999.	0.	3.	0.	0.	0.	0.	0.	38.	16.	0.	0.	0.	3.	
252	0.	2.	2.	0.	0.	0.	0.	0.	0.	2.	193.	22.-999.	0.	0.	3.	19.	22.	11.	11.	11.	0.	2.	2.	9.	
253	0.	0.	0.	0.-999.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	
254	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.	0.	2.	2.	2.	
255	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.	1.	0.	1.	1.	0.	1.	1.	1.	1.	0.	0.	1.	1.	1.	0.
256	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.	0.	2.	2.	2.	
257	3.	3.	3.	3.-999.	0.	0.	0.	0.	0.	3.	3.	0.	3.	0.	3.	3.	3.	3.	3.	3.	0.	0.	2.		
258	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	68.	16.	0.	0.	3.	0.	0.	0.-999.	0.	0.	0.	0.	0.	4.	
259	0.	0.	0.	0.	0.	0.	0.	3.	8.	11.	14.	22.	24.	19.	19.	19.	16.	16.	0.-999.	0.	0.	0.	0.	0.	
260	0.	0.	0.	11.	8.	11.	24.	19.	14.	41.	43.	24.	14.	11.	24.	11.	11.	8.	8.	5.-999.	0.	0.	0.	12.	
261	0.	0.	0.	0.	0.	0.	0.	3.	11.	24.	30.	41.	38.	0.	6.	0.	3.	5.	8.	8.	5.-999.	0.	0.	8.	
262	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.-999.	27.	35.	35.	38.	38.	51.	30.	19.	14.	8.-999.	0.	13.		
263	0.	0.	0.	0.	0.	0.	0.	8.	14.	24.	27.	30.	35.	35.	30.	32.	32.	32.	22.	16.	14.	8.	0.	0.	19.
264	0.	3.	3.	3.	3.	3.	3.	3.	3.	3.	3.	3.	3.	3.	3.	3.	3.	3.	3.	3.	3.	3.	3.	3.	
265	9.	9.	9.	9.	9.	9.	0.	0.	0.	5.	11.	22.	11.	5.	14.	8.	8.	8.	8.	3.	8.	8.	8.	14.	8.
266	11.-999.	0.	0.	0.	0.	0.	0.	0.	3.	19.	22.	30.	11.	14.	14.	30.	38.	16.	0.	0.	0.	0.	0.	0.	9.
267	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	
268	0.	0.	0.	0.	0.	0.	0.	7.	7.	7.	7.	7.	11.	0.	5.	7.	7.	7.	7.	7.	7.	7.	7.	7.	5.
269	9.	9.	9.	9.	9.	0.	0.	0.	0.	5.	11.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	2.
270	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	0.	
271	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.
272	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	5.	3.	3.	16.	22.	27.	22.	19.	19.	0.	0.	0.	11.
273	11.	8.	8.	8.	5.	3.	5.	5.-999.	3.	0.	0.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	5.
274	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	
275	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	
276	0.	0.	0.	0.	6.	6.	6.	6.	6.	11.-999.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	3.	3.	3.	0.	
277	0.	3.	12.	0.	0.	3.	3.	5.	11.	19.	27.	46.-999.	46.	3.	0.	0.	0.	0.	0.	0.	0.	0.	0.	2.	
278	3.	0.	0.	0.	0.	3.	3.	3.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	
279	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	
280	0.	0.	0.	0.	0.	0.	0.	0.	5.	16.	27.	16.	14.	35.	27.-999.	3.	0.	0.	0.	0.	26.	0.	0.	0.	1.
281	11.	11.	14.	43.	54.	51.	35.	46.	27.	22.	19.	22.-999.	11.	11.	11.-999.	0.	0.	0.	0.	5.	11.	11.	7.		
282	0.	0.	0.	0.	0.	0.	5.	8.	8.	16.	24.	30.	30.	27.	0.	0.	0.-999.	5.	0.	0.	0.	0.	0.	18.	
283	0.	3.	8.	0.	19.	16.	0.	0.	0.	0.	0.	3.	0.-999.	3.	0.	0.	0.	0.	0.	0.	0.	0.	0.	7.	
284	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	2.	0.	0.	0.	78.	2.	2.	2.	2.	2.	2.	4.
285	13.	13.	13.	13.	13.	13.	13.	13.	13.	0.	0.	0.	5.	24.	38.	30.	22.	16.	16.	16.-999.	3.	0.	0.	12.	
286	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	2.	2.	0.	0.	
287	0.	0.	8.	8.	8.	8.	8.	8.	8.	8.	8.	8.	0.	8.	5.	0.	0.	0.	0.	0.	0.	0.-999.	0.	4.	
288	6.	6.	6.	6.	6.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.	
289	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.	0.	0.	
290	-999.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.	0.	0.	0.	
291	16.-999.	22.	0.	0.	0.	0.	0.	5.	14.	24.	27.	38.	27.	22.	14.	3.	0.	14.	0.	0.	0.	0.	0.	0.	16.
292	9.	9.	9.	9.	9.	9.	9.	9.	9.	9.	9.	9.	9.	9.	9.	9.	9.	9.	9.	9.	9.	9.	9.	9.	
293	5.	5.	5.	5.	5.	5.	5.	5.	5.	5.	5.	5.	5.	5.	5.	5.	5.	5.	5.	5.	5.	5.	5.	5.	
294	9.	9.	9.	9.	9.	9.	9.	9.	9.	9.	9.	9.	9.	9.	9.	9.	9.	9.	9.	9.	9.	9.	9.	9.	
295	9.	9.	9.	9.	9.	9.	9.	9.	9.	9.	9.	9.	9.	9.	9.	9.	9.	9.	9.	9.	9.	9.	9.	9.	
296	27.	8.	8.	11.	16.	8.-999.	0.	0.	0.	32.	51.	43.	38.	14.	11.	19.	19.	11.	11.	8.	14.	22.	24.	11.	
297	30.	22.	11.	5.	5.	3.	3.-999.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	11.	14.	16.	16.
298	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	3.	
299	0.	0.	0.	0.	26.	0.	3.	0.	0.-999.	8.	8.	5.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	
300	22.	24.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	3.	3.	5.	11.	14.	16.	19.	0.	5.
301	0.	0.	0.	0.-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	3.	3.	3.	3.	3.	3.	3.	3.	3.	3.	3.	2.
302	6.	6.	6.	6.	6.	6.	6.	6.	6.	6.	6.	6.	6.	6.	6.	6.	6.	6.	6.	6.	6.	6.	6.	6.	
303	7.	7.	7.	7.	7.	7.	7.	7.	7.	7.	7.	7.	7.	7.	7.	7.	7.	7.	7.	7.	7.	7.	7.	7.	
304	12.	12.	12.	12.	12.	12.	12.	12.	12.	12.	12.	12.	12.	12.	12.	12.	12.	12.	12.	12.	12.	12.	12.	12.	
305	14.	14.	14.	14.	14.	14.	14.	14.	14.	14.	14.	14.	14.	11.	5.	14.	14.	14.	14.	14.	14.	14.	14.	14.	
306	3.	3.	3.	3.	3.	3.	8.	3.	3.	3.	3.	3.	8.	5.	5.	5.	5.	3.	3.	0.	0.	0.	0.	8.	4.
307	11.	8.	14.	14.	0.	0.	0.	0.	0.	5.	5.	0.	5.	5.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	3.
308	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.-999.	0.	0.	0.	26.	26.	2.	2.	2.	3.	2.	2.	2.	3.	
309	8.	8.	8.	8.	8.	8.	8.	8.	8.	8.	8.	8.	8.	8.	8.	8.	0.	0.	0.	8.	8.	8.	8.	7.	
310	6.	6.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	14.	5.	3.	3.-999.	0.	0.	2.		
311	0.	0.	0.	0.	3.	5.	3.	8.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.	
312	0.	0.	0.	0.	0.	26.	26.	52.	26.	8.	0.	0.	0.	30.	35.	35.	0.	0.	0.	0.	0.	0.	7.	10.	
313	3.	3.	3.	3.	3.	3.	3.	3.	3.	3.	3.	0.	0.	0.	3.	8.	8.	5.	5.	5.	5.	8.	3.	3.	4.
314	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	1.	
315	3.	3.	3.	3.	3.	3.	3.	3.	3.	3.	3.	3.	3.	3.	3.	3.	3.	3.	3.	3.	3.	3.	3.	3.	
316	8.	8.	8.	8.	8.	8.	8.	8.	8.-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	0.	7.	
317	0.	0.	3.	3.	3.	3.	0.	0.	0.	0.	0.	0.	0.	3.	3.	3.	3.	3.-999.	3.	3.	3.	3.	3.	2.	
318	3.	3.	3.	3.	3.	3.	3.	3.-999.	-999.	-999.	0.	0.	0.	0.	0.	26.	26.	0.	26.	26.	26.	0.	0.	0.	7.
319	0.	0.	0.	0.	0.	0.	0.	0.	4.	4.	4.	4.	4.	4.	4.	4.	4.	4.	4.	4.	4.	4.	4.	3.	
320	5.	5.	5.	5.	5.	5.	5.	5.	5.	5.	5.	5.	5.-999.	-999.	-999.	0.	0.	0.	0.	0.	0.	0.	0.	0.	3.
321	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	26.	26.	26.	52.	52.	52.	26.	26.	-999.	-999.	-999.	-999.
322	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	-999.	53.	-999.	-999.	-999.	-999.	0.	0.	0.	11.
323	0.	0.	0.	0.	0.	0.	5.	11.	19.	-999.	-999.	-999.	0.	8.	11.	11.	5.	5.	-999.	-999.	-999.	-999.	-999.	-999.	5.
324	-999.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	
325	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
326	20.	20.	20.	20.	20.	20.	20.	20.	20.	20.	20.	20.	20.	20.	20.	0.	0.	0.	0.	0.	0.	26.	0.	0.	13.

327	26.	26.	26.	52.	26.	26.	0.	0.	0.	0.	0.	0.	0.	-999.	3.	3.	6.	6.	0.	0.	0.	0.	0.	0.	9.
328	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
329	26.	0.	0.	0.	0.	0.	0.	0.	7.	0.	7.	7.	7.	7.	7.	7.	7.	7.	7.	7.	7.	7.	7.	7.	6.
330	6.	6.	6.	6.	6.	6.	6.	6.	6.	6.	6.	6.	6.	6.	6.	6.	0.	26.	26.	26.	0.	0.	0.	0.	6.
331	0.	0.	0.	0.	0.	0.	0.	0.	2.	2.	46.	0.	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.	2.
332	3.	3.	3.	3.	3.	3.	3.	3.	3.	3.	3.	3.	3.	3.	3.	3.	3.	3.	3.	3.	3.	3.	0.	3.	3.
333	0.	0.	0.	14.	43.	43.	30.	27.	27.	0.	0.	4.	4.	4.	4.	4.	4.	4.	4.	4.	4.	0.	4.	4.	4.
334	6.	6.	6.	6.	6.	6.	6.	6.	6.	6.	6.	6.	6.	6.	6.	0.	0.	0.	36.	6.	6.	-999.	26.	19.	0.
335	9.	9.	0.	9.	9.	9.	9.	9.	9.	9.	9.	9.	35.	9.	19.	14.	14.	8.	8.	9.	3.	-999.	0.	0.	9.
336	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	-999.	-999.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
337	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
338	0.	0.	0.	0.	0.	0.	0.	0.	0.	5.	11.	16.	22.	19.	24.	32.	35.	39.	41.	39.	26.	26.	26.	26.	16.
339	26.	26.	26.	35.	30.	41.	41.	32.	30.	41.	46.	51.	43.	-999.	1.	1.	1.	1.	1.	1.	1.	1.	1.	26.	22.
340	26.	26.	26.	26.	26.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	5.
341	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	27.	0.	22.	51.	62.	51.	66.	66.	78.	93.	0.	0.	26.
342	0.	0.	0.	16.	16.	19.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	35.	4.
343	30.	30.	22.	-999.	0.	0.	0.	5.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	11.	5.	5.	5.
344	26.	3.	8.	27.	-999.	3.	17.	17.	17.	17.	0.	3.	8.	16.	27.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
345	0.	0.	0.	0.	0.	0.	0.	0.	6.	6.	6.	6.	6.	6.	6.	6.	6.	6.	6.	6.	6.	6.	0.	6.	6.
346	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
347	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	-999.	0.	26.	26.	26.	0.	0.	0.	0.	0.	0.	0.	0.	3.
348	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	26.	26.	0.	0.	0.	0.	0.	3.
349	8.	14.	16.	24.	32.	35.	32.	32.	27.	-999.	14.	26.	26.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	12.
350	0.	0.	0.	0.	0.	0.	0.	0.	5.	8.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.
351	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
352	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
353	16.	27.	27.	27.	19.	24.	19.	19.	22.	22.	30.	32.	35.	-999.	11.	0.	11.	5.	0.	0.	0.	0.	0.	0.	15.
354	0.	0.	5.	5.	0.	11.	0.	31.	31.	31.	31.	31.	31.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	9.
355	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
356	27.	43.	24.	32.	78.	54.	27.	30.	35.	38.	43.	57.	62.	46.	32.	30.	-999.	8.	8.	8.	0.	0.	0.	22.	27.	38.	4.
357	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	5.	8.	19.	24.	27.	19.	14.	-999.	0.	0.	0.	0.	0.	0.	0.	30.	5.
358	14.	46.	59.	57.	54.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	10.
359	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	26.	26.	26.	26.	26.	26.	26.	26.	26.	26.	26.	26.	26.	26.	14.
360	26.	26.	26.	26.	26.	0.	11.	11.	11.	14.	8.	11.	0.	16.	16.	11.	14.	14.	11.	11.	-999.	0.	0.	0.	13.
361	0.	0.	3.	52.	79.	79.	52.	52.	52.	52.	26.	26.	26.	26.	26.	0.	0.	0.	26.	26.	26.	26.	26.	26.	29.
362	26.	26.	0.	0.	0.	26.	0.	0.	5.	11.	0.	0.	0.	11.	11.	0.	0.	0.	0.	0.	11.	0.	-999.	0.	6.
363	0.	0.	0.	0.	3.	14.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.
364	0.	0.	0.	0.	0.	0.	0.	0.	11.	16.	16.	14.	19.	24.	27.	22.	19.	11.	11.	26.	43.	49.	51.	51.	17.
365	-999.	11.	5.	8.	11.	27.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	-999.	-999.	-999.	-999.	-999.	3.

APPENDIX D

New Exceedances of the Hourly SO_2 Standard Following the Addition of Lambton TGS's Emission to the Local Background, Under All Four FGD Scenarios

SCENARIO 1

yr	mh	dy	hr	x (km)	y (km)	so2 (ug/m³)	dir (deg)	wspdl (m/s)	wspdh (m/s)	temp (C)	mxht (m)	iflux	lskhr	ohcont (%)	lgpscont (%)	src no	arscont (%)
85	1	23	12	14.0	9.0	691.5	54.	7.50	11.11	-4.0	2245	2	0	2.1686	97.7846	8	0.0376
85	2	18	16	4.2	17.4	692.0	9.	8.61	12.50	1.0	2578	2	0	1.5625	98.3179	9	0.0311
85	3	10	18	4.2	17.2	705.3	13.	5.83	10.83	10.0	1746	2	0	3.1269	96.2822	9	0.0303
85	5	12	19	4.2	17.4	696.5	11.	6.39	10.56	24.0	1913	2	0	4.3838	95.3520	9	0.0236
85	6	8	9	1.8	13.2	733.4	6.	3.06	3.06	19.0	229	1	0	31.8508	36.7792	12	0.0432
85	6	9	5	4.2	17.2	703.6	16.	6.67	11.39	19.0	1996	2	0	4.3394	91.7553	9	0.0146
85	8	6	10	4.4	17.6	708.3	18.	8.06	9.44	20.0	2412	2	0	3.0153	86.4701	9	0.0413
85	8	10	9	4.2	17.0	730.5	20.	4.72	4.17	23.0	589	1	0	6.5776	77.9160	9	0.0155
85	8	10	10	4.2	17.0	696.1	19.	6.67	4.72	24.0	589	1	0	7.2037	80.2289	9	0.0126
85	9	1	18	5.0	16.0	692.9	13.	5.00	7.50	21.0	1497	2	0	0.7059	99.2395	2	0.0215
85	9	19	18	5.0	16.0	697.9	14.	4.72	7.50	24.0	1414	2	0	1.1459	98.8022	2	0.0340
85	9	23	23	4.2	17.2	711.7	11.	8.61	13.06	19.0	2578	2	0	4.8016	95.0266	9	0.0159
85	10	26	15	4.2	17.2	695.5	17.	8.61	12.22	16.0	2578	2	0	3.9048	88.8789	9	0.0209
85	11	19	1	4.2	17.0	693.4	19.	9.17	15.00	16.0	2744	2	0	1.3428	87.4628	9	0.0199
85	11	19	16	4.2	17.4	691.8	11.	6.39	10.28	14.0	1913	2	0	3.1409	96.5679	9	0.0494
85	12	23	23	4.2	17.2	694.1	11.	8.33	12.78	0.0	2495	2	0	3.5693	96.2469	9	0.0248
85	12	23	24	4.2	17.4	693.2	10.	9.44	13.06	0.0	2828	2	0	2.9387	96.9115	9	0.0232
85	12	30	20	4.2	17.2	723.0	12.	10.83	16.39	-3.0	3243	2	0	5.3179	94.4002	9	0.0186
85	12	30	22	4.2	17.2	711.2	16.	10.56	15.28	-2.0	3160	2	0	4.8095	91.3587	9	0.0184

SCENARIO 2

yr	mh	dy	hr	x (km)	y (km)	so2 (ug/m³)	dir (deg)	wspdl (m/s)	wspdh (m/s)	temp (C)	mxht (m)	iflux	lskhr	ohcont (%)	lgpscont (%)	src no	arscont (%)
85	8	6	10	4.4	17.6	696.8	18.	8.06	9.44	20.0	2412	2	0	1.4184	87.8938	9	0.0420
85	8	10	9	4.2	17.0	727.4	20.	4.72	4.17	23.0	589	1	0	6.1826	78.2455	9	0.0155
85	8	10	10	4.2	17.0	693.6	19.	6.67	4.72	24.0	589	1	0	6.8614	80.5248	9	0.0127
85	9	19	18	5.0	16.0	690.4	14.	4.72	7.50	24.0	1414	2	0	0.0776	99.8700	2	0.0344
85	9	23	23	4.2	17.2	698.5	11.	8.61	13.06	19.0	2578	2	0	3.0060	96.8190	9	0.0162
85	11	19	1	4.2	17.0	690.5	19.	9.17	15.00	16.0	2744	2	0	0.9239	87.8341	9	0.0200
85	12	30	20	4.2	17.2	714.3	12.	10.83	16.39	-3.0	3243	2	0	4.1640	95.5508	9	0.0188
85	12	30	22	4.2	17.2	702.5	16.	10.56	15.28	-2.0	3160	2	0	3.6413	92.4799	9	0.0186

SCENARIO 3

yr	mh	dy	hr	x (km)	y (km)	so2 (ug/m³)	dir (deg)	wspdl (m/s)	wspdh (m/s)	temp (C)	mxht (m)	iflux	lskhr	ohcont (%)	lgpscont (%)	src no	arscont (%)
85	1	23	12	14.0	9.0	691.2	54.	7.50	11.11	-4.0	2245	2	0	2.1266	97.8265	8	0.0376
85	2	18	16	4.2	17.4	692.2	9.	8.61	12.50	1.0	2578	2	0	1.5852	98.2953	9	0.0311
85	3	10	18	4.2	17.2	704.5	13.	5.83	10.83	10.0	1746	2	0	3.0214	96.3871	9	0.0304
85	5	12	19	4.2	17.4	696.7	11.	6.39	10.56	24.0	1913	2	0	4.4238	95.3120	9	0.0236
85	6	8	9	1.8	13.2	726.4	6.	3.06	3.06	19.0	229	1	0	31.1924	37.1345	12	0.0436
85	6	9	5	4.2	17.2	703.9	16.	6.67	11.39	19.0	1996	2	0	4.3718	91.7243	9	0.0146
85	8	6	10	4.4	17.6	708.7	18.	8.06	9.44	20.0	2412	2	0	3.0720	86.4196	9	0.0413
85	8	10	9	4.2	17.0	733.2	20.	4.72	4.17	23.0	589	1	0	6.9250	77.6263	9	0.0154
85	8	10	10	4.2	17.0	699.0	19.	6.67	4.72	24.0	589	1	0	7.5843	79.8998	9	0.0126
85	9	1	18	5.0	16.0	692.5	13.	5.00	7.50	21.0	1497	2	0	0.6536	99.2917	2	0.0215
85	9	19	18	5.0	16.0	697.3	14.	4.72	7.50	24.0	1414	2	0	1.0612	98.8869	2	0.0340
85	9	23	23	4.2	17.2	712.8	11.	8.61	13.06	19.0	2578	2	0	4.9500	94.8785	9	0.0159
85	10	26	15	4.2	17.2	696.3	17.	8.61	12.22	16.0	2578	2	0	4.0093	88.7822	9	0.0208
85	11	19	1	4.2	17.0	693.8	19.	9.17	15.00	16.0	2744	2	0	1.3907	87.4203	9	0.0199
85	11	19	16	4.2	17.4	691.5	11.	6.39	10.28	14.0	1913	2	0	3.0992	96.6094	9	0.0494
85	12	23	23	4.2	17.2	694.4	11.	8.33	12.78	0.0	2495	2	0	3.6076	96.2087	9	0.0248
85	12	23	24	4.2	17.4	693.7	10.	9.44	13.06	0.0	2828	2	0	3.0049	96.8454	9	0.0232
85	12	30	20	4.2	17.2	724.3	12.	10.83	16.39	-3.0	3243	2	0	5.4970	94.2217	9	0.0186
85	12	30	22	4.2	17.2	712.3	16.	10.56	15.28	-2.0	3160	2	0	4.9612	91.2131	9	0.0184

SCENARIO 4

yr	mh	dy	hr	x (km)	y (km)	so2 (ug/m³)	dir (deg)	wspdl (m/s)	wspdh (m/s)	temp (C)	mxht (m)	iflux	lskhr	ohcont (%)	lgpscont (%)	src no	arscont (%)
85	8	6	10	4.4	17.6	696.5	18.	8.06	9.44	20.0	2412	2	0	1.3823	87.9261	9	0.0420
85	8	10	9	4.2	17.0	729.7	20.	4.72	4.17	23.0	589	1	0	6.4713	78.0046	9	0.0155
85	8	10	10	4.2	17.0	696.0	19.	6.67	4.72	24.0	589	1	0	7.1914	80.2394	9	0.0126
85	9	19	18	5.0	16.0	690.3	14.	4.72	7.50	24.0	1414	2	0	0.0666	99.8810	2	0.0344
85	9	23	23	4.2	17.2	698.6	11.	8.61	13.06	19.0	2578	2	0	3.0180	96.8070	9	0.0162
85	11	19	1	4.2	17.0	690.6	19.	9.17	15.00	16.0	2744	2	0	0.9374	87.8222	9	0.0200
85	12	30	20	4.2	17.2	714.9	12.	10.83	16.39	-3.0	3243	2	0	4.2473	95.4677	9	0.0188
85	12	30	22	4.2	17.2	703.0	16.	10.56	15.28	-2.0	3160	2	0	3.7003	92.4232	9	0.0186

APPENDIX E

New Exceedances of the Hourly SO_2 Standard Following the Addition of Lambton TGS's Emission to the Total Background, Under All Four FGD Scenarios

SCENARIO 1

yr	mh	dy	hr	x (km)	y (km)	so2 (ug/m³)	dir (deg)	wspdl (m/s)	wspdh (m/s)	temp (C)	mxht (m)	iflux	lskhr	ohcont (%)	lgpscont (%)	src no	arscont (%)
85	1	6	23	4.4	17.6	692.1	18.	5.56	7.22	0.0	1663	2	0	0.3338	88.1708	9	0.0263
85	1	23	12	14.0	9.0	691.5	54.	7.50	11.11	-4.0	2245	2	0	2.1686	97.7846	8	0.0376
85	2	18	16	4.2	17.4	692.0	9.	8.61	12.50	1.0	2578	2	0	1.5625	98.3179	9	0.0311
85	5	12	19	4.2	17.4	698.5	11.	6.39	10.56	24.0	1913	2	0	4.3838	95.3520	9	0.0236
85	6	8	9	1.8	13.2	760.4	6.	3.06	3.06	19.0	229	1	0	30.7199	35.4733	12	0.0417
85	6	9	5	4.2	17.2	703.6	16.	6.67	11.39	19.0	1996	2	0	4.3394	91.7553	9	0.0146
85	8	6	10	4.4	17.6	708.3	18.	8.06	9.44	20.0	2412	2	0	3.0153	86.4701	9	0.0413
85	8	8	18	5.0	15.8	702.3	24.	4.72	3.61	26.0	2381	1	0	2.0391	89.9360	2	0.0209
85	8	10	9	4.2	17.0	730.5	20.	4.72	4.17	23.0	589	1	0	6.5776	77.9160	9	0.0155
85	8	10	10	4.2	17.0	696.1	19.	6.67	4.72	24.0	589	1	0	7.2037	80.2289	9	0.0126
85	9	23	23	4.2	17.2	711.7	11.	8.61	13.06	19.0	2578	2	0	4.8016	95.0266	9	0.0159
85	10	26	15	4.2	17.2	695.5	17.	8.61	12.22	16.0	2578	2	0	3.9048	88.8789	9	0.0209
85	11	19	1	4.2	17.0	693.4	19.	9.17	15.00	16.0	2744	2	0	1.3428	87.4628	9	0.0199
85	11	19	16	4.2	17.4	702.8	11.	6.39	10.28	14.0	1913	2	0	3.0917	95.0565	9	0.0486
85	12	23	23	4.2	17.2	694.1	11.	8.33	12.78	0.0	2495	2	0	3.5693	96.2469	9	0.0248
85	12	23	24	4.2	17.4	693.2	10.	9.44	13.06	0.0	2828	2	0	2.9387	96.9115	9	0.0232
85	12	30	23	4.2	17.2	694.5	17.	10.00	14.44	-2.0	2994	2	0	3.3519	82.6872	9	0.0191

SCENARIO 2

yr	mh	dy	hr	x (km)	y (km)	so2 (ug/m³)	dir (deg)	wspdl (m/s)	wspdh (m/s)	temp (C)	mxht (m)	iflux	lskhr	ohcont (%)	lgpscont (%)	src no	arscont (%)
85	1	6	23	4.4	17.6	690.2	18.	5.56	7.22	0.0	1663	2	0	0.0489	88.4228	9	0.0263
85	8	6	10	4.4	17.6	696.8	18.	8.06	9.44	20.0	2412	2	0	1.4184	87.8938	9	0.0420
85	8	8	18	5.0	15.8	700.1	24.	4.72	3.61	26.0	2381	1	0	1.7254	90.2241	2	0.0209
85	8	10	9	4.2	17.0	727.4	20.	4.72	4.17	23.0	589	1	0	6.1826	78.2455	9	0.0155
85	8	10	10	4.2	17.0	693.6	19.	6.67	4.72	24.0	589	1	0	6.8614	80.5248	9	0.0127
85	9	23	23	4.2	17.2	698.5	11.	8.61	13.06	19.0	2578	2	0	3.0060	96.8190	9	0.0162
85	11	19	1	4.2	17.0	690.5	19.	9.17	15.00	16.0	2744	2	0	0.9239	87.8341	9	0.0200
85	11	19	16	5.0	16.2	690.1	11.	6.39	10.28	14.0	1913	2	0	0.1222	98.1925	2	0.0342

SCENARIO 3

yr	mh	dy	hr	x (km)	y (km)	so2 (ug/m³)	dir (deg)	wspdl (m/s)	wspdh (m/s)	temp (C)	mxht (m)	iflux	lskhr	ohcont (%)	lgpscont (%)	src no	arscont (%)
85	1	6	23	4.4	17.6	691.9	18.	5.56	7.22	0.0	1663	2	0	0.2957	88.2044	9	0.0263
85	1	23	12	14.0	9.0	691.2	54.	7.50	11.11	-4.0	2245	2	0	2.1266	97.8265	8	0.0376
85	2	18	16	4.2	17.4	692.2	9.	8.61	12.50	1.0	2578	2	0	1.5852	98.2953	9	0.0311
85	5	12	19	4.2	17.4	696.7	11.	6.39	10.56	24.0	1913	2	0	4.4238	95.3120	9	0.0236
85	6	8	9	1.8	13.2	753.4	6.	3.06	3.06	19.0	229	1	0	30.0746	35.8037	12	0.0421
85	6	9	5	4.2	17.2	703.9	16.	6.67	11.39	19.0	1996	2	0	4.3718	91.7243	9	0.0146
85	8	6	10	4.4	17.6	708.7	18.	8.06	9.44	20.0	2412	2	0	3.0720	86.4196	9	0.0413
85	8	8	18	5.0	15.8	703.1	24.	4.72	3.61	26.0	2381	1	0	2.1438	89.8399	2	0.0209
85	8	10	9	4.2	17.0	733.2	20.	4.72	4.17	23.0	589	1	0	6.9250	77.6263	9	0.0154
85	8	10	10	4.2	17.0	699.0	19.	6.67	4.72	24.0	589	1	0	7.5843	79.8998	9	0.0126
85	9	23	23	4.2	17.2	712.8	11.	8.61	13.06	19.0	2578	2	0	4.9500	94.8785	9	0.0159
85	10	26	15	4.2	17.2	696.3	17.	8.61	12.22	16.0	2578	2	0	4.0093	88.7822	9	0.0208
85	11	19	1	4.2	17.0	693.8	19.	9.17	15.00	16.0	2744	2	0	1.3907	87.4203	9	0.0199
85	11	19	16	4.2	17.4	702.5	11.	6.39	10.28	14.0	1913	2	0	3.0507	95.0967	9	0.0486
85	12	23	23	4.2	17.2	694.4	11.	8.33	12.78	0.0	2495	2	0	3.6076	96.2087	9	0.0248
85	12	23	24	4.2	17.4	693.7	10.	9.44	13.06	0.0	2828	2	0	3.0049	96.8454	9	0.0232
85	12	30	23	4.2	17.2	695.1	17.	10.00	14.44	-2.0	2994	2	0	3.4447	82.6077	9	0.0191

SCENARIO 4

yr	mh	dy	hr	x (km)	y (km)	so2 (ug/m³)	dir (deg)	wspdl (m/s)	wspdh (m/s)	temp (C)	mxht (m)	iflux	lskhr	ohcont (%)	lgpscont (%)	src no	arscont (%)
85	1	6	23	4.4	17.6	690.1	18.	5.56	7.22	0.0	1663	2	0	0.0419	88.4290	9	0.0263
85	8	6	10	4.4	17.6	696.5	18.	8.06	9.44	20.0	2412	2	0	1.3823	87.9261	9	0.0420
85	8	8	18	5.0	15.8	700.6	24.	4.72	3.61	26.0	2381	1	0	1.7947	90.1605	2	0.0209
85	8	10	9	4.2	17.0	729.7	20.	4.72	4.17	23.0	589	1	0	6.4713	78.0046	9	0.0155
85	8	10	10	4.2	17.0	696.0	19.	6.67	4.72	24.0	589	1	0	7.1914	80.2394	9	0.0126
85	9	23	23	4.2	17.2	698.6	11.	8.61	13.06	19.0	2578	2	0	3.0180	96.8070	9	0.0162
85	11	19	1	4.2	17.0	690.6	19.	9.17	15.00	16.0	2744	2	0	0.9374	87.8222	9	0.0200
85	11	19	16	5.0	16.2	690.1	11.	6.39	10.28	14.0	1913	2	0	0.1125	98.2020	2	0.0342

APPENDIX F

New Exceedances of the 24-Hour Running Average NO_x Standard Following Addition of Lambton TGS's Emission to the Local Background, Under All Four FGD Scenarios

SCENARIO 1

yr	mh	dy	hr	x (km)	y (km)	NOx (ug/m3)	OH cont %	Largest Pt. Src Cont %	Point src no	Area src cont %
85	2	23	12	5.0	18.0	201.9	1.14	*****	*****	1.41
85	3	26	23	5.0	25.0	203.3	3.05	*****	*****	86.11
85	10	3	24	5.0	25.0	201.5	1.09	*****	*****	97.14
85	12	22	24	5.0	18.0	202.5	4.34	*****	*****	0.88
85	12	24	24	5.0	16.0	200.3	0.40	*****	*****	2.68

SCENARIO 2

yr	mh	dy	hr	x (km)	y (km)	NOx (ug/m3)	OH cont %	Largest Pt. Src Cont %	Point src no	Area src cont %
85	2	23	12	5.0	18.0	200.4	0.39	*****	*****	1.42
85	3	26	23	5.0	25.0	202.0	2.43	*****	*****	86.66
85	10	3	23	5.0	25.0	203.5	1.06	*****	*****	96.28

SCENARIO 3

yr	mh	dy	hr	x (km)	y (km)	NOx (ug/m3)	OH cont %	Largest Pt. Src Cont %	Point src no	Area src cont %
85	2	23	12	5.0	18.0	201.9	1.13	*****	*****	1.41
85	3	26	23	5.0	25.0	203.6	3.23	*****	*****	85.95
85	10	3	23	5.0	25.0	203.7	1.17	*****	*****	96.18
85	12	22	24	5.0	18.0	202.8	4.51	*****	*****	0.88
85	12	24	24	5.0	16.0	200.3	0.41	*****	*****	2.68

SCENARIO 4

yr	mh	dy	hr	x (km)	y (km)	NOx (ug/m3)	OH cont %	Largest Pt. Src Cont %	Point src no	Area src cont %
85	2	23	12	5.0	18.0	200.4	0.38	*****	*****	1.42
85	3	26	23	5.0	25.0	202.2	2.57	*****	*****	86.54
85	10	3	24	5.0	25.0	201.7	1.16	*****	*****	97.07

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